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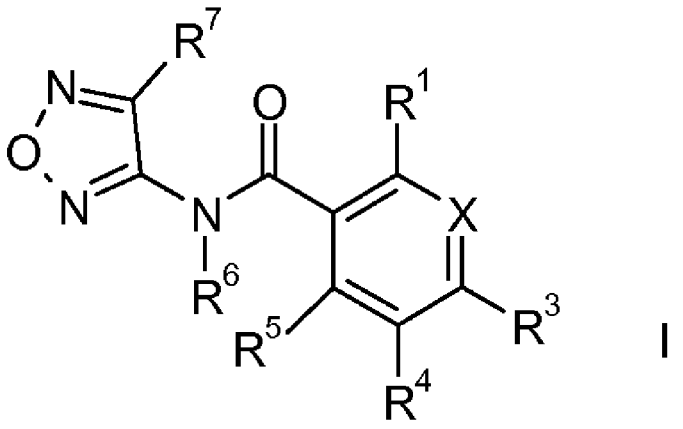

I

(57) Abstract: The present invention relates to a compound of formula I, wherein the variables are defined as in the specification. The invention further refers to a composition comprising such compound and to the use thereof for controlling unwanted vegetation.

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Substituted 1,2,5-oxadiazole compounds and their use as herbicides

Description

The present invention relates to substituted 1,2,5-oxadiazole compounds and the N-oxides and salts thereof and to compositions comprising the same. The invention also relates to the use of the 1,2,5-oxadiazole compounds or of the compositions comprising such compounds for controlling unwanted vegetation. Furthermore, the invention relates to methods of applying such compounds.

For the purposes of controlling unwanted vegetation, especially in crops, there is an ongoing need for new herbicides which have high activities and selectivities together with a substantial lack of toxicity for humans and animals.

EP 0 173 657 A1 describes N-(1,2,5-oxadiazol-3-yl) carboxamides, herbicidal compositions comprising them and the use of such compositions for controlling the growth of weeds.

WO 2011/035874 describes N-(1,2,5-oxadiazol-3-yl) benzamides carrying 3 substituents in the 2-, 3- and 4-positions of the phenyl ring and their use as herbicides.

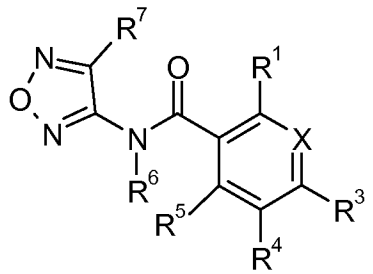
The N-(1,2,5-oxadiazol-3-yl) carboxamides of the prior art often suffer form insufficient herbicidal activity in particular at low application rates and/or unsatisfactory selectivity resulting in a low compatibility with crop plants.

Accordingly, it is an object of the present invention to provide further 1,2,5-oxadiazole compounds having a strong herbicidal activity, in particular even at low application rates, a sufficiently low toxicity for humans and animals and/or a high compatibility with crop plants. The 1,2,5-oxadiazole compounds should also show a broad activity spectrum against a large number of different unwanted plants.

These and further objectives are achieved by the compounds of formula I defined below and their N-oxides and also their agriculturally suitable salts.

It has been found that the above objectives can be achieved by substituted 1,2,5-oxadiazole compounds of the general formula I, as defined below, including their N-oxides and their salts, in particular their agriculturally suitable salts.

Therefore, in a first aspect the present invention relates to compounds of formula I,



I

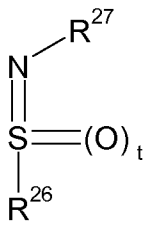
an N-oxide or an agriculturally suitable salt thereof,

wherein

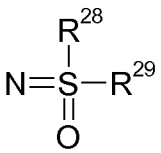
R^1 is selected from the group consisting of halogen, C_1-C_8-alkyl, C_1-C_8-haloalkyl, nitro, C_1-C_4-alkoxy-C_1-C_4-alkyl, cyano-Z^1, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_3-C_{10}-cycloalkyl-Z^1, C_2-C_8-haloalkenyl, C_3-C_8-haloalkynyl, C_1-C_8-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^1, R^{1b}-$S(O)_k$-Z^1, phenoxy-Z^1 and heterocyclyloxy-Z^1, where heterocyclyloxy is an oxygen bound 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenoxy and heterocyclyloxy are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{11}, which are identical or different;

X is N or CR^2;

R^2 is selected from the group consisting of hydrogen, halogen, hydroxy-Z^2, nitro, C_1-C_4-nitroalkyl, cyano, C_1-C_4-cyanoalkyl, C_1-C_6-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_3-C_{10}-cycloalkyl-Z^2, C_3-C_{10}-cycloalkoxy-Z^2, where the C_3-C_{10}-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_8-haloalkyl, C_2-C_8-haloalkenyl, C_3-C_8-haloalkynyl, C_1-C_8-alkoxy-Z^2, C_1-C_8-haloalkoxy-Z^2, C_3-C_{10}-cycloalkyl-C_1-C_2-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^2, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^2, C_2-C_8-alkenyloxy-Z^2, C_2-C_8-alkynyloxy-Z^2, C_2-C_8-haloalkenyloxy-Z^2, C_3-C_8-haloalkynyloxy-Z^2, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^2, (tri-C_1-C_4-alkyl)silyl-Z^2, R^{2b}-$S(O)_k$-Z^2, R^{2c}-C(=O)-Z^2, R^{2d}O-C(=O)-Z^2, R^{2d}O-N=CH-Z^2, R^{2d}O-N=CC_1-C_4-alkyl-Z^2, R^{2d}O-N=CC_1-C_4-haloalkyl-Z^2, $R^{2c}R^{2d}$C=N-O-C_1-C_4-alkyl, $R^{2e}R^{2f}$N-C(=O)-Z^2, $R^{2g}R^{2h}$N-Z^2, phenyl-Z^{2a}, heterocyclyl-Z^{2a}, where heterocyclyl is a 3-, 4-, 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenyl-Z^{2a} and heterocyclyl-Z^{2a} are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{21}, which are identical or different, rhodano, C_3-C_6-cycloalkenyl, OC(O)OR^{22}, OC(O)N$(R^{22})_2$, ONC$(R^{23})_2$, OSO_2R^{25}, SO_2OR^{22}, $SO_2N(R^{22})_2$, N(R^{22})C(O)OR^{22}, N(R^{22})C(O)N$(R^{22})_2$, C(O)N(R^{22})OR^{22}, P(O)(O-C_1-C_4-alkyl)$_2$, C_1-C_6-alkyl-OC(O)R^{22}, C_1-C_6-alkyl-OSO_2R^{25}, C_1-C_6-alkyl-SO_2OR^{22}, C_1-C_6-alkyl-$SO_2N(R^{22})_2$, C_1-C_6-alkyl-P(O)(O-C_1-C_4-alkyl)$_2$,



and



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R^3 is selected from the group consisting of hydrogen, halogen, hydroxy-Z^2, nitro, C_1-C_4-nitroalkyl, cyano, C_1-C_4-cyanoalkyl, C_1-C_6-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_3-C_{10}-cycloalkyl-Z^2, C_3-C_{10}-cycloalkoxy-Z^2, where the C_3-C_{10}-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_8-haloalkyl, C_2-C_8-haloalkenyl, C_3-C_8-haloalkynyl, C_1-C_8-alkoxy-Z^2, C_1-C_8-haloalkoxy-Z^2, C_3-C_{10}-cycloalkyl-C_1-C_2-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^2, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^2, C_2-C_8-alkenyloxy-Z^2, C_2-C_8-alkynyloxy-Z^2, C_2-C_8-haloalkenyloxy-Z^2, C_3-C_8-haloalkynyloxy-Z^2, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^2, (tri-C_1-C_4-alkyl)silyl-Z^2, R^{2b}-$S(O)_k$-Z^2, R^{2c}-C(=O)-Z^2, R^{2d}O-C(=O)-Z^2, R^{2d}O-N=CH-Z^2, $R^{2c}R^{2d}$C=N-O-C_1-C_4-alkyl, $R^{2e}R^{2f}$N-C(=O)-Z^2, $R^{2g}R^{2h}$N-Z^2, phenyl-Z^{2a}, heterocyclyl-Z^{2a}, where heterocyclyl is a 3-, 4-, 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenyl-Z^{2a} and heterocyclyl-Z^{2a} are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{21}, which are identical or different,
rhodano, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkenyl, C_3-C_6-cycloalkenyl-C_1-C_6-alkyl, C_3-C_6-halocycloalkenyl-C_1-C_6-alkyl, OC(O)R^{22}, OC(O)OR^{25}, OC(O)N$(R^{22})_2$, OSO_2R^{25}, SO_2OR^{22}, $SO_2N(R^{22})_2$, $SO_2N(R^{22})C(O)R^{22}$, $SO_2N(R^{22})C(O)OR^{25}$, $SO_2N(R^{22})C(O)N(R^{22})_2$, $N(R^{22})C(O)OR^{25}$, $N(R^{22})C(O)N(R^{22})_2$, $N(R^{22})S(O)_2OR^{22}$, $N(R^{22})S(O)_2N(R^{22})_2$, C(O)N$(R^{22})OR^{22}$, C(O)N$(R^{22})N(R^{22})_2$, C(O)N$(R^{22})$C(O)$R^{22}$, C(O)N$(R^{22})$C(O)O$R^{25}$, C(O)N$(R^{22})$C(O)N$(R^{22})_2$, C(O)N$(R^{22})SO_2R^{25}$, C(O)N$(R^{22})SO_2OR^{22}$, C(O)N$(R^{22})SO_2N(R^{22})_2$, $P(O)(OH)_2$, $P(O)(O\text{-}C_1\text{-}C_4\text{-alkyl})_2$, C_1-C_6-alkyl-OC(O)R^{22}, C_1-C_6-alkyl-OC(O)OR^{25}, C_1-C_6-alkyl-OC(O)N$(R^{22})_2$, C_1-C_6-alkyl-OSO_2R^{25}, C_1-C_6-alkyl-SO_2OR^{22}, C_1-C_6-alkyl-$SO_2N(R^{22})_2$, C_1-C_6-alkyl-$SO_2N(R^{22})C(O)R^{22}$, C_1-C_6-alkyl-$SO_2N(R^{22})C(O)OR^{25}$, C_1-C_6-alkyl-$SO_2N(R^{22})C(O)N(R^{22})_2$, C_1-C_6-alkyl-$N(R^{22})C(O)OR^{25}$, C_1-C_6-alkyl-$N(R^{22})C(O)N(R^{22})_2$, C_1-C_6-alkyl-$N(R^{22})S(O)_2OR^{22}$, C_1-C_6-alkyl-$N(R^{22})S(O)_2N(R^{22})_2$, C_1-C_6-alkyl-C(O)N(R^{22})OR^{22}, C_1-C_6-alkyl-C(O)N(R^{22})N$(R^{22})_2$, C_1-C_6-alkyl-C(O)N(R^{22})C(O)R^{22}, C_1-C_6-alkyl-C(O)N(R^{22})C(O)OR^{25}, C_1-C_6-alkyl-C(O)N(R^{22})C(O)N$(R^{22})_2$, C_1-C_6-alkyl-C(O)N$(R^{22})SO_2R^{25}$, C_1-C_6-alkyl-C(O)N$(R^{22})SO_2OR^{22}$, C_1-C_6-alkyl-C(O)N$(R^{22})SO_2N(R^{22})_2$, C_1-C_6-alkyl-$P(O)(OH)_2$ and C_1-C_6-alkyl-$P(O)(O\text{-}C_1\text{-}C_4\text{-alkyl})_2$;

R^4 is selected from the group consisting of hydrogen, halogen, C_1-C_8-alkyl, cyano- Z^1, nitro, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-haloalkyl, C_1-C_3-alkylamino, C_1-C_3-dialkylamino, C_1-C_3-alkylamino-$S(O)_k$, C_1-C_3-alkylcarbonyl, C_1-C_8-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^1, R^{1b}-$S(O)_k$-Z^1, phenoxy-Z^1 and heterocyclyloxy-Z^1, where heterocyclyloxy is an oxygen bound 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or

4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenoxy and heterocyclyloxy are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{11}, which are identical or different;

R^5 is selected from the group consisting of halogen, cyano- Z^1, nitro, C_1-C_8-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-haloalkyl, C_1-C_3-alkylamino, C_1-C_3-dialkylamino, C_1-C_3-alkylamino-$S(O)_k$, C_1-C_3-alkylcarbonyl, C_1-C_8-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^1, R^{1b}-$S(O)_k$-Z^1, phenoxy-Z^1 and heterocyclyloxy-Z^1, where heterocyclyloxy is an oxygen bound 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenoxy and heterocyclyloxy are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{11}, which are identical or different;

R^6 is selected from the group consisting of cyano, nitro, hydroxy, amino, C_1-C_6-alkyl, C_1-C_6-cyano-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_1-C_6-alkoxy, C_1-C_6-alkylcarbonyl, C_1-C_6-alkyaminocarbonyl, C_1-C_6-dialkyl-aminocarbonyl, C_1-C_6-alkyamino, C_1-C_6-dialkyl-amino, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, R^bR^bN-$S(O)_n$-Z, R^bO-$S(O)_n$-Z, R^b-$S(O)_n$-Z, R^cR^cN-C_1-C_3-alkyl-$S(O)_n$-C_1-C_3-alkyl, R^c-C(=O)-C_1-C_3-alkyl, R^d-C(=O)O-C_1-C_3-alkyl , R^d-O-C(=O)O-C_1-C_3-alkyl ,R^dO-C(=O)-C_1-C_3-alkyl, R^eR^fN-C(=O)-C_1-C_3-alkyl, R^c-C(=O)R^eN-C_1-C_3-alkyl, R^b-$S(O)_n$-R^eN-C_1-C_3-alkyl, R^cR^cN-C_1-C_3-alkyl, phenyl-Z and heterocyclyl-Z, where heterocyclyl is a 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different;

R^7 is selected from the group consisting of hydrogen, cyano, nitro, halogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aformentioned radicals are unsubstituted or partially or completely halogenated,C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, O-R^a, Z-$S(O)_n$-R^b, Z-C(=O)-R^c, Z-C(=O)-OR^d, Z-C(=O)-NR^eR^f, Z-NR^gR^h, Z-phenyl and Z-heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which

are selected from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different;

R', R^{11}, R^{21} independently of each other are selected from the group consisting of halogen, NO_2, CN, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-halocycloalkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_6-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy, C_3-C_7-cycloalkoxy and C_1-C_6-haloalkyloxy, or two vicinal radicals R', R^{11} or R^{21} together may form a group =O;

Z, Z^1, Z^2 independently of each other are selected from the group consisting of a covalent bond and C_1-C_4-alkanediyl;

Z^{2a} is s Z^{2a} elected from the group consisting of a covalent bond, C_1-C_4-alkanediyl, O-C_1-C_4-alkanediyl, C_1-C_4-alkanediyl-O and C_1-C_4-alkanediyl-O-C_1-C_4-alkanediyl;

R^a is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aformentioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^b, R^{1b}, R^{2b} independently of each other are selected from the group consisting of C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^c, R^{2c} independently of each other are selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl, benzyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected

from the group consisting of O, N and S, where phenyl, benzyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^d, R^{2d} independently of each other are selected from the group consisting of C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^e, R^f independently of each other are selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy, or

R^e, R^f together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^{2e}, R^{2f} independently of each other have the meanings given for R^e, R^f;

R^g is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylsulfonyl, C_1-C_4-alkylcarbonyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^h is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-

cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylsulfonyl, C_1-C_4-alkylcarbonyl, a radical C(=O)-R^k, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy, or

R^g, R^h together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of =O, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^{2g}, R^{2h} independently of each other have the meanings given for R^g, R^h;

R^k has the meanings given for R^c;

R^{22} is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_3-C_6-haloalkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl,
phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, phenyl-N(R^{23})-C_1-C_6-alkyl, heteroaryl-N(R^{23})-C_1-C_6-alkyl, heterocyclyl-N(R^{23})-C_1-C_6-alkyl, phenyl-S(O)$_n$-C_1-C_6-alkyl, heteroaryl-S(O)$_n$-C_1-C_6-alkyl, heterocyclyl-S(O)$_n$-C_1-C_6-alkyl, where the 15 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, cyano, rhodano, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C(O)OR^{23}, C(O)N(R^{23})$_2$, OR^{23}, N(R^{23})$_2$, S(O)$_n$$R^{24}$, S(O)$_2OR^{23}$, S(O)$_2$N($R^{23}$)$_2$ and R^{23}O-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups;

R^{23} is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl and phenyl;

R^{24} is selected from the group consisting of C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl and phenyl;

R^{25} is selected from the group consisting of C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_3-C_6-haloalkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-

C_6-alkoxy-C_1-C_6-alkyl,
phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, phenyl-N(R^{23})-C_1-C_6-alkyl, heteroaryl-N(R^{23})-C_1-C_6-alkyl, heterocyclyl-N(R^{23})-C_1-C_6-alkyl, phenyl-S(O)$_n$-C_1-C_6-alkyl, heteroaryl-S(O)$_n$-C_1-C_6-alkyl, heterocyclyl-S(O)$_n$-C_1-C_6-alkyl, where the 15 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, cyano, rhodano, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C(O)OR^{23}, C(O)N(R^{23})$_2$, OR^{23}, N(R^{23})$_2$, S(O)$_n$$R^{24}$, S(O)$_2OR^{23}$, S(O)$_2$N($R^{23}$)$_2$ and R^{23}O-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups;

R^{26} is C_1-C_6-alkyl or C_1-C_4-alkoxy-C_1-C_4-alkyl;

R^{27} is selected from the group consisting of hydrogen, cyano and C_1-C_4-haloalkylcarbonyl;

R^{28}, R^{29} independently of each other are C_1-C_6-alkyl, or

R^{28}, R^{29} together with the sulfur atom, to which they are bound may form a 5- or 6-membered saturated ring, which may carry as a ring member 1 oxygen atom;

k is 0, 1 or 2;
n is 0, 1 or 2;
s is 0, 1, 2 or 3;
t is 0 or 1.

The compounds of the present invention, i.e. the compounds of formula I, their N-oxides, or their salts are particularly useful for controlling unwanted vegetation. Therefore, the invention also relates to the use of a compound of the present invention, an N-oxide or a salt thereof or of a composition comprising at least one compound of the invention, an N-oxide or an agriculturally suitable salt thereof for combating or controlling unwanted vegetation.

The invention also relates to a composition comprising at least one compound according to the invention, including an N-oxide or a salt thereof, and at least one auxiliary. In particular, the invention relates to an agricultural composition comprising at least one compound according to the invention including an N-oxide or an agriculturally suitable salt thereof, and at least one auxiliary customary for crop protection formulations.

The present invention also relates to a method for combating or controlling unwanted vegetation, which method comprises allowing a herbicidally effective amount of at least one compound according to the invention, including an N-oxide or a salt thereof, to act on unwanted plants, their seed and/or their habitat.

Depending on the substitution pattern, the compounds of formula I may have one or more centers of chirality, in which case they are present as mixtures of enantiomers or diastereomers. The invention provides both the pure enantiomers or pure diastereomers of the compounds of

formula I, and their mixtures and the use according to the invention of the pure enantiomers or pure diastereomers of the compound of formula I or its mixtures. Suitable compounds of formula I also include all possible geometrical stereoisomers (cis/trans isomers) and mixtures thereof. Cis/trans isomers may be present with respect to an alkene, carbon-nitrogen double-bond, nitrogen-sulfur double bond or amide group. The term "stereoisomer(s)" encompasses both optical isomers, such as enantiomers or diastereomers, the latter existing due to more than one center of chirality in the molecule, as well as geometrical isomers (cis/trans isomers).

Depending on the substitution pattern, the compounds of formula I may be present in the form of their tautomers. Hence the invention also relates to the tautomers of the formula I and the stereoisomers, salts and N-oxides of said tautomers.

The term "N-oxide" includes any compound of the present invention which has at least one tertiary nitrogen atom that is oxidized to an N-oxide moiety. N-oxides in compounds of formula I can in particular be prepared by oxidizing the ring nitrogen atom(s) of the heterocyclic ring with a suitable oxidizing agent, such as peroxo carboxylic acids or other peroxides, or the ring nitrogen atom(s) of a heterocyclic substituent R, R^1, R^2 or R^3.

The present invention moreover relates to compounds as defined herein, wherein one or more of the atoms depicted in formula I have been replaced by its stable, preferably non-radioactive isotope (e.g., hydrogen by deuterium, ^{12}C by ^{13}C, ^{14}N by ^{15}N, ^{16}O by ^{18}O) and in particular wherein at least one hydrogen atom has been replaced by a deuterium atom. Of course, the compounds according to the invention contain more of the respective isotope than this naturally occurs and thus is anyway present in the compounds of formula I.

The compounds of the present invention may be amorphous or may exist in one ore more different crystalline states (polymorphs) which may have different macroscopic properties such as stability or show different biological properties such as activities. The present invention includes both amorphous and crystalline compounds of formula I, their enantiomers or diastereomers, mixtures of different crystalline states of the respective compound of formula I, its enantiomers or diastereomers, as well as amorphous or crystalline salts thereof.

Salts of the compounds of the present invention are preferably agriculturally suitable salts. They can be formed in a customary method, e.g. by reacting the compound with an acid if the compound of the present invention has a basic functionality or by reacting the compound with a suitable base if the compound of the present invention has an acidic functionality.

Useful agriculturally suitable salts are especially the salts of those cations or the acid addition salts of those acids whose cations and anions, respectively, do not have any adverse effect on the herbicidal action of the compounds according to the present invention. Suitable cations are in particular the ions of the alkali metals, preferably lithium, sodium and potassium, of the alkaline earth metals, preferably calcium, magnesium and barium, and of the transition metals, preferably manganese, copper, zinc and iron, and also ammonium (NH_4^+) and substituted ammonium in which one to four of the hydrogen atoms are replaced by C_1-C_4-alkyl, C_1-C_4-hydroxyalkyl, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, hydroxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl or benzyl. Examples of substituted ammonium ions comprise methylammonium, isopropylammonium, dimethylammonium, diisopropylammonium, trimethylammonium, tetrame-

thylammonium, tetraethylammonium, tetrabutylammonium, 2-hydroxyethylammonium, 2-(2-hydroxyethoxy)ethylammonium, bis(2-hydroxyethyl)ammonium, benzyltrimethylammonium and benzl-triethylammonium, furthermore phosphonium ions, sulfonium ions, preferably tri(C_1-C_4-alkyl)sulfonium, and sulfoxonium ions, preferably tri(C_1-C_4-alkyl)sulfoxonium.

Anions of useful acid addition salts are primarily chloride, bromide, fluoride, hydrogensulfate, sulfate, dihydrogenphosphate, hydrogenphosphate, phosphate, nitrate, bicarbonate, carbonate, hexafluorosilicate, hexafluorophosphate, benzoate, and the anions of C_1-C_4-alkanoic acids, preferably formate, acetate, propionate and butyrate. They can be formed by reacting compounds of the present invention with an acid of the corresponding anion, preferably with hydrochloric acid, hydrobromic acid, sulfuric acid, phosphoric acid or nitric acid.

The term "undesired vegetation" ("weeds") is understood to include any vegetation growing in non-crop-areas or at a crop plant site or locus of seeded and otherwise desired crop, where the vegetation is any plant species, including their germinant seeds, emerging seedlings and established vegetation, other than the seeded or desired crop (if any). Weeds, in the broadest sense, are plants considered undesirable in a particular location.

The organic moieties mentioned in the above definitions of the variables are - like the term halogen - collective terms for individual listings of the individual group members. The prefix C_n-C_m indicates in each case the possible number of carbon atoms in the group.

The term "halogen" denotes in each case fluorine, bromine, chlorine or iodine, in particular fluorine, chlorine or bromine.

The term "partially or completely halogenated" will be taken to mean that 1 or more, e.g. 1, 2, 3, 4 or 5 or all of the hydrogen atoms of a given radical have been replaced by a halogen atom, in particular by fluorine or chlorine. A partially or completely halogenated radical is termed below also "halo-radical". For example, partially or completely halogenated alkyl is also termed haloalkyl.

The term "alkyl" as used herein (and in the alkyl moieties of other groups comprising an alkyl group, e.g. alkoxy, alkylcarbonyl, alkoxycarbonyl, alkylthio, alkylsulfonyl and alkoxyalkyl) denotes in each case a straight-chain or branched alkyl group having usually from 1 to 10 carbon atoms, frequently from 1 to 6 carbon atoms, preferably 1 to 4 carbon atoms and in particular from 1 to 3 carbon atoms. Examples of C_1-C_4-alkyl are methyl, ethyl, n-propyl, iso-propyl, n-butyl, 2-butyl (sec-butyl), isobutyl and tert-butyl. Examples for C_1-C_6-alkyl are, apart those mentioned for C_1-C_4-alkyl, n-pentyl, 1-methylbutyl, 2-methylbutyl, 3-methylbutyl, 2,2-dimethylpropyl, 1-ethylpropyl, n-hexyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 1-methylpentyl, 2-methylpentyl, 3-methylpentyl, 4-methylpentyl, 1,1-dimethylbutyl, 1,2-dimethylbutyl, 1,3-dimethylbutyl, 2,2-dimethylbutyl, 2,3-dimethylbutyl, 3,3-dimethylbutyl, 1-ethylbutyl, 2-ethylbutyl, 1,1,2-trimethylpropyl, 1,2,2-trimethylpropyl, 1-ethyl-1-methylpropyl and 1-ethyl-2-methylpropyl. Examples for C_1-C_{10}-alkyl are, apart those mentioned for C_1-C_6-alkyl, n-heptyl, 1-methylhexyl, 2-methylhexyl, 3-methylhexyl, 4-methylhexyl, 5-methylhexyl, 1-ethylpentyl, 2-ethylpentyl, 3-ethylpentyl, n-octyl, 1-methyloctyl, 2-methylheptyl, 1-ethylhexyl, 2-ethylhexyl, 1,2-dimethylhexyl, 1-propylpentyl, 2-propylpentyl, nonyl, decyl, 2-propylheptyl and 3-propylheptyl.

The term "alkylene" (or alkanediyl) as used herein in each case denotes an alkyl radical as defined above, wherein one hydrogen atom at any position of the carbon backbone is replaced by one further binding site, thus forming a bivalent moiety.

The term "haloalkyl" as used herein (and in the haloalkyl moieties of other groups comprising a haloalkyl group, e.g. haloalkoxy, haloalkylthio, haloalkylcarbonyl, haloalkylsulfonyl and haloalkylsulfinyl) denotes in each case a straight-chain or branched alkyl group having usually from 1 to 8 carbon atoms ("C_1-C_8-haloalkyl"), frequently from 1 to 6 carbon atoms ("C_1-C_6-haloalkyl"), more frequently 1 to 4 carbon atoms ("C_1-C_4-haloalkyl"), wherein the hydrogen atoms of this group are partially or totally replaced with halogen atoms. Preferred haloalkyl moieties are selected from C_1-C_4-haloalkyl, more preferably from C_1-C_2-haloalkyl, more preferably from halomethyl, in particular from C_1-C_2-fluoroalkyl. Halomethyl is methyl in which 1, 2 or 3 of the hydrogen atoms are replaced by halogen atoms. Examples are bromomethyl, chloromethyl, dichloromethyl, trichloromethyl, fluoromethyl, difluoromethyl, trifluoromethyl, chlorofluoromethyl, dichlorofluoromethyl, chlorodifluoromethyl and the like. Examples for C_1-C_2-fluoroalkyl are fluoromethyl, difluoromethyl, trifluoromethyl, 1-fluoroethyl, 2-fluoroethyl, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, pentafluoroethyl, and the like. Examples for C_1-C_2-haloalkyl are, apart those mentioned for C_1-C_2-fluoroalkyl, chloromethyl, dichloromethyl, trichloromethyl, bromomethyl, chlorofluoromethyl, dichlorofluoromethyl, chlorodifluoromethyl, 1-chloroethyl, 2-chloroethyl, 2,2,-dichloroethyl, 2,2,2-trichloroethyl, 2-chloro-2-fluoroethyl, 2-chloro-2,2-difluoroethyl, 2,2-dichloro-2-fluoroethyl, 1-bromoethyl, and the like. Examples for C_1-C_4-haloalkyl are, apart those mentioned for C_1-C_2-haloalkyl, 1-fluoropropyl, 2-fluoropropyl, 3-fluoropropyl, 3,3-difluoropropyl, 3,3,3-trifluoropropyl, heptafluoropropyl, 1,1,1-trifluoroprop-2-yl, 3-chloropropyl, 4-chlorobutyl and the like.

The term "cycloalkyl" as used herein (and in the cycloalkyl moieties of other groups comprising a cycloalkyl group, e.g. cycloalkoxy and cycloalkylalkyl) denotes in each case a mono- or bicyclic cycloaliphatic radical having usually from 3 to 10 carbon atoms ("C_3-C_{10}-cycloalkyl"), preferably 3 to 7 carbon atoms ("C_3-C_7-cycloalkyl") or in particular 3 to 6 carbon atoms ("C_3-C_6-cycloalkyl"). Examples of monocyclic radicals having 3 to 6 carbon atoms comprise cyclopropyl, cyclobutyl, cyclopentyl and cyclohexyl. Examples of monocyclic radicals having 3 to 7 carbon atoms comprise cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl and cycloheptyl. Examples of bicyclic radicals having 7 or 8 carbon atoms comprise bicyclo[2.1.1]hexyl, bicyclo[2.2.1]heptyl, bicyclo[3.1.1]heptyl, bicyclo[2.2.1]heptyl, bicyclo[2.2.2]octyl and bicyclo[3.2.1]octyl.

The term "halocycloalkyl" as used herein (and in the halocycloalkyl moieties of other groups comprising an halocycloalkyl group, e.g. halocycloalkylmethyl) denotes in each case a mono- or bicyclic cycloaliphatic radical having usually from 3 to 10 carbon atoms, preferably 3 to 7 carbon atoms or in particular 3 to 6 carbon atoms, wherein at least one, e.g. 1, 2, 3, 4 or 5 of the hydrogen atoms are replaced by halogen, in particular by fluorine or chlorine. Examples are 1- and 2- fluorocyclopropyl, 1,2-, 2,2- and 2,3-difluorocyclopropyl, 1,2,2-trifluorocyclopropyl, 2,2,3,3-tetrafluorocyclpropyl, 1- and 2-chlorocyclopropyl, 1,2-, 2,2- and 2,3-dichlorocyclopropyl, 1,2,2-trichlorocyclopropyl, 2,2,3,3-tetrachlorocyclpropyl, 1-,2- and 3-fluorocyclopentyl, 1,2-, 2,2-, 2,3-, 3,3-, 3,4-, 2,5-difluorocyclopentyl, 1-,2- and 3-chlorocyclopentyl, 1,2-, 2,2-, 2,3-, 3,3-, 3,4-,

2,5-dichlorocyclopentyl and the like.

The term "cycloalkyl-alkyl" used herein denotes a cycloalkyl group, as defined above, which is bound to the remainder of the molecule via an alkylene group. The term "C_3-C_7-cycloalkyl-C_1-C_4-alkyl" refers to a C_3-C_7-cycloalkyl group as defined above which is bound to the remainder of the molecule via a C_1-C_4-alkyl group, as defined above. Examples are cyclopropylmethyl, cyclopropylethyl, cyclopropylpropyl, cyclobutylmethyl, cyclobutylethyl, cyclobutylpropyl, cyclopentylmethyl, cyclopentylethyl, cyclopentylpropyl, cyclohexylmethyl, cyclohexylethyl, cyclohexylpropyl, and the like.

The term "alkenyl" as used herein denotes in each case a monounsaturated straight-chain or branched hydrocarbon radical having usually 2 to 8 ("C_2-C_8-alkenyl"), preferably 2 to 6 carbon atoms ("C_2-C_6-alkenyl"), in particular 2 to 4 carbon atoms ("C_2-C_4-alkenyl"), and a double bond in any position, for example C_2-C_4-alkenyl, such as ethenyl, 1-propenyl, 2-propenyl, 1-methylethenyl, 1-butenyl, 2-butenyl, 3-butenyl, 1-methyl-1-propenyl, 2-methyl-1-propenyl, 1-methyl-2-propenyl or 2-methyl-2-propenyl; C_2-C_6-alkenyl, such as ethenyl, 1-propenyl, 2-propenyl, 1-methylethenyl, 1-butenyl, 2-butenyl, 3-butenyl, 1-methyl-1-propenyl, 2-methyl-1-propenyl, 1-methyl-2-propenyl, 2-methyl-2-propenyl, 1-pentenyl, 2-pentenyl, 3-pentenyl, 4-pentenyl, 1-methyl-1-butenyl, 2-methyl-1-butenyl, 3-methyl-1-butenyl, 1-methyl-2-butenyl, 2-methyl-2-butenyl, 3-methyl-2-butenyl, 1-methyl-3-butenyl, 2-methyl-3-butenyl, 3-methyl-3-butenyl, 1,1-dimethyl-2-propenyl, 1,2-dimethyl-1-propenyl, 1,2-dimethyl-2-propenyl, 1-ethyl-1-propenyl, 1-ethyl-2-propenyl, 1-hexenyl, 2-hexenyl, 3-hexenyl, 4-hexenyl, 5-hexenyl, 1-methyl-1-pentenyl, 2-methyl-1-pentenyl, 3-methyl-1-pentenyl, 4-methyl-1-pentenyl, 1-methyl-2-pentenyl, 2-methyl-2-pentenyl, 3-methyl-2-pentenyl, 4-methyl-2-pentenyl, 1-methyl-3-pentenyl, 2-methyl-3-pentenyl, 3-methyl-3-pentenyl, 4-methyl-3-pentenyl, 1-methyl-4-pentenyl, 2-methyl-4-pentenyl, 3-methyl-4-pentenyl, 4-methyl-4-pentenyl, 1,1-dimethyl-2-butenyl, 1,1-dimethyl-3-butenyl, 1,2-dimethyl-1-butenyl, 1,2-dimethyl-2-butenyl, 1,2-dimethyl-3-butenyl, 1,3-dimethyl-1-butenyl, 1,3-dimethyl-2-butenyl, 1,3-dimethyl-3-butenyl, 2,2-dimethyl-3-butenyl, 2,3-dimethyl-1-butenyl, 2,3-dimethyl-2-butenyl, 2,3-dimethyl-3-butenyl, 3,3-dimethyl-1-butenyl, 3,3-dimethyl-2-butenyl, 1-ethyl-1-butenyl, 1-ethyl-2-butenyl, 1-ethyl-3-butenyl, 2-ethyl-1-butenyl, 2-ethyl-2-butenyl, 2-ethyl-3-butenyl, 1,1,2-trimethyl-2-propenyl, 1-ethyl-1-methyl-2-propenyl, 1-ethyl-2-methyl-1-propenyl, 1-ethyl-2-methyl-2-propenyl and the like, or C_2-C_8-alkenyl, such as the radicals mentioned for C_2-C_6-alkenyl and additionally 1-heptenyl, 2-heptenyl, 3-heptenyl, 1-octenyl, 2-octenyl, 3-octenyl, 4-octenyl and the positional isomers thereof.

The term "haloalkenyl" as used herein, which may also be expressed as "alkenyl which is substituted by halogen", and the haloalkenyl moieties in haloalkenyloxy and the like refers to unsaturated straight-chain or branched hydrocarbon radicals having 2 to 8 ("C_2-C_8-haloalkenyl") or 2 to 6 ("C_2-C_6-haloalkenyl") or 2 to 4 ("C_2-C_4-haloalkenyl") carbon atoms and a double bond in any position, where some or all of the hydrogen atoms in these groups are replaced by halogen atoms as mentioned above, in particular fluorine, chlorine and bromine, for example chlorovinyl, chloroallyl and the like.

The term "alkynyl" as used herein denotes unsaturated straight-chain or branched hydrocarbon radicals having usually 2 to 8 ("C_2-C_8-alkynyl"), frequently 2 to 6 ("C_2-C_6-alkynyl"), pref-

erably 2 to 4 carbon atoms ("C_2-C_4-alkynyl") and a triple bond in any position, for example C_2-C_4-alkynyl, such as ethynyl, 1-propynyl, 2-propynyl, 1-butynyl, 2-butynyl, 3-butynyl, 1-methyl-2-propynyl and the like, C_2-C_6-alkynyl, such as ethynyl, 1-propynyl, 2-propynyl, 1-butynyl, 2-butynyl, 3-butynyl, 1-methyl-2-propynyl, 1-pentynyl, 2-pentynyl, 3-pentynyl, 4-pentynyl, 1-methyl-2-butynyl, 1-methyl-3-butynyl, 2-methyl-3-butynyl, 3-methyl-1-butynyl, 1,1-dimethyl-2-propynyl, 1-ethyl-2-propynyl, 1-hexynyl, 2-hexynyl, 3-hexynyl, 4-hexynyl, 5-hexynyl, 1-methyl-2-pentynyl, 1-methyl-3-pentynyl, 1-methyl-4-pentynyl, 2-methyl-3-pentynyl, 2-methyl-4-pentynyl, 3-methyl-1-pentynyl, 3-methyl-4-pentynyl, 4-methyl-1-pentynyl, 4-methyl-2-pentynyl, 1,1-dimethyl-2-butynyl, 1,1-dimethyl-3-butynyl, 1,2-dimethyl-3-butynyl, 2,2-dimethyl-3-butynyl, 3,3-dimethyl-1-butynyl, 1-ethyl-2-butynyl, 1-ethyl-3-butynyl, 2-ethyl-3-butynyl, 1-ethyl-1-methyl-2-propynyl and the like.

The term "haloalkynyl" as used herein, which is also expressed as "alkynyl which is substituted by halogen", refers to unsaturated straight-chain or branched hydrocarbon radicals having usually 2 to 8 carbon atoms ("C_2-C_8-haloalkynyl"), frequently 2 to 6 ("C_2-C_6-haloalkynyl"), preferabyl 2 to 4 carbon atoms ("C_2-C_4-haloalkynyl"), and a triple bond in any position (as mentioned above), where some or all of the hydrogen atoms in these groups are replaced by halogen atoms as mentioned above, in particular fluorine, chlorine and bromine.

The term "alkoxy" as used herein denotes in each case a straight-chain or branched alkyl group usually having from 1 to 8 carbon atoms ("C_1-C_8-alkoxy"), frequently from 1 to 6 carbon atoms ("C_1-C_6-alkoxy"), preferably 1 to 4 carbon atoms ("C_1-C_4-alkoxy"), which is bound to the remainder of the molecule via an oxygen atom. C_1-C_2-Alkoxy is methoxy or ethoxy. C_1-C_4-Alkoxy is additionally, for example, n-propoxy, 1-methylethoxy (isopropoxy), butoxy, 1-methylpropoxy (sec-butoxy), 2-methylpropoxy (isobutoxy) or 1,1-dimethylethoxy (tert-butoxy). C_1-C_6-Alkoxy is additionally, for example, pentoxy, 1-methylbutoxy, 2-methylbutoxy, 3-methylbutoxy, 1,1-dimethylpropoxy, 1,2-dimethylpropoxy, 2,2-dimethylpropoxy, 1-ethylpropoxy, hexoxy, 1-methylpentoxy, 2-methylpentoxy, 3-methylpentoxy, 4-methylpentoxy, 1,1-dimethylbutoxy, 1,2-dimethylbutoxy, 1,3-dimethylbutoxy, 2,2-dimethylbutoxy, 2,3-dimethylbutoxy, 3,3-dimethylbutoxy, 1-ethylbutoxy, 2-ethylbutoxy, 1,1,2-trimethylpropoxy, 1,2,2-trimethylpropoxy, 1-ethyl-1-methylpropoxy or 1-ethyl-2-methylpropoxy. C_1-C_8-Alkoxy is additionally, for example, heptyloxy, octyloxy, 2-ethylhexyloxy and positional isomers thereof.

The term "haloalkoxy" as used herein denotes in each case a straight-chain or branched alkoxy group, as defined above, having from 1 to 8 carbon atoms ("C_1-C_8-haloalkoxy"), frequently from 1 to 6 carbon atoms ("C_1-C_6-haloalkoxy"), preferably 1 to 4 carbon atoms ("C_1-C_4-haloalkoxy"), more preferably 1 to 3 carbon atoms ("C_1-C_3-haloalkoxy"), wherein the hydrogen atoms of this group are partially or totally replaced with halogen atoms, in particular fluorine atoms. C_1-C_2-Haloalkoxy is, for example, OCH_2F, $OCHF_2$, OCF_3, OCH_2Cl, $OCHCl_2$, $OCCl_3$, chlorofluoromethoxy, dichlorofluoromethoxy, chlorodifluoromethoxy, 2-fluoroethoxy, 2-chloroethoxy, 2-bromoethoxy, 2-iodoethoxy, 2,2-difluoroethoxy, 2,2,2-trifluoroethoxy, 2-chloro-2-fluoroethoxy, 2-chloro-2,2-difluoroethoxy, 2,2-dichloro-2-fluoroethoxy, 2,2,2-trichloroethoxy or OC_2F_5. C_1-C_4-Haloalkoxy is additionally, for example, 2-fluoropropoxy, 3-fluoropropoxy, 2,2-difluoropropoxy, 2,3-difluoropropoxy, 2-chloropropoxy, 3-chloropropoxy, 2,3-dichloropropoxy, 2-

bromopropoxy, 3-bromopropoxy, 3,3,3-trifluoropropoxy, 3,3,3-trichloropropoxy, OCH_2-C_2F_5, OCF_2-C_2F_5, 1-(CH_2F)-2-fluoroethoxy, 1-(CH_2Cl)-2-chloroethoxy, 1-(CH_2Br)-2-bromoethoxy, 4-fluorobutoxy, 4-chlorobutoxy, 4-bromobutoxy or nonafluorobutoxy. C_1-C_6-Haloalkoxy is additionally, for example, 5-fluoropentoxy, 5-chloropentoxy, 5-brompentoxy, 5-iodopentoxy, undecafluoropentoxy, 6-fluorohexoxy, 6-chlorohexoxy, 6-bromohexoxy, 6-iodohexoxy or dodecafluorohexoxy.

The term "alkoxyalkyl" as used herein denotes in each case alkyl usually comprising 1 to 6 carbon atoms, preferably 1 to 4 carbon atoms, wherein 1 carbon atom carries an alkoxy radical usually comprising 1 to 8, frequently 1 to 6, in particular 1 to 4, carbon atoms as defined above. "C_1-C_6-alkoxy-C_1-C_6-alkyl"is a C_1-C_6-alkyl group, as defined above, in which one hydrogen atom is replaced by a C_1-C_6-alkoxy group, as defined above. Examples are CH_2OCH_3, CH_2-OC_2H_5, n-propoxymethyl, CH_2-$OCH(CH_3)_2$, n-butoxymethyl, (1-methylpropoxy)-methyl, (2-methylpropoxy)methyl, CH_2-$OC(CH_3)_3$, 2-(methoxy)ethyl, 2-(ethoxy)ethyl, 2-(n-propoxy)-ethyl, 2-(1-methylethoxy)-ethyl, 2-(n-butoxy)ethyl, 2-(1-methylpropoxy)-ethyl, 2-(2-methylpropoxy)-ethyl, 2-(1,1-dimethylethoxy)-ethyl, 2-(methoxy)-propyl, 2-(ethoxy)-propyl, 2-(n-propoxy)-propyl, 2-(1-methylethoxy)-propyl, 2-(n-butoxy)-propyl, 2-(1-methylpropoxy)-propyl, 2-(2-methylpropoxy)-propyl, 2-(1,1-dimethylethoxy)-propyl, 3-(methoxy)-propyl, 3-(ethoxy)-propyl, 3-(n-propoxy)-propyl, 3-(1-methylethoxy)-propyl, 3-(n-butoxy)-propyl, 3-(1-methylpropoxy)-propyl, 3-(2-methylpropoxy)-propyl, 3-(1,1-dimethylethoxy)-propyl, 2-(methoxy)-butyl, 2-(ethoxy)-butyl, 2-(n-propoxy)-butyl, 2-(1-methylethoxy)-butyl, 2-(n-butoxy)-butyl, 2-(1-methylpropoxy)-butyl, 2-(2-methyl-propoxy)-butyl, 2-(1,1-dimethylethoxy)-butyl, 3-(methoxy)-butyl, 3-(ethoxy)-butyl, 3-(n-propoxy)-butyl, 3-(1-methylethoxy)-butyl, 3-(n-butoxy)-butyl, 3-(1-methylpropoxy)-butyl, 3-(2-methylpropoxy)-butyl, 3-(1,1-dimethylethoxy)-butyl, 4-(methoxy)-butyl, 4-(ethoxy)-butyl, 4-(n-propoxy)-butyl, 4-(1-methylethoxy)-butyl, 4-(n-butoxy)-butyl, 4-(1-methylpropoxy)-butyl, 4-(2-methylpropoxy)-butyl, 4-(1,1-dimethylethoxy)-butyl and the like.

The term "haloalkoxy-alkyl" as used herein denotes in each case alkyl as defined above, usually comprising 1 to 6 carbon atoms, preferably 1 to 4 carbon atoms, wherein 1 carbon atom carries an haloalkoxy radical as defined above, usually comprising 1 to 8, frequently 1 to 6, in particular 1 to 4, carbon atoms as defined above. Examples are fluoromethoxymethyl, difluoromethoxymethyl, trifluoromethoxymethyl, 1-fluoroethoxymethyl, 2-fluoroethoxymethyl, 1,1-difluoroethoxymethyl, 1,2-difluoroethoxymethyl, 2,2-difluoroethoxymethyl, 1,1,2-trifluoroethoxymethyl, 1,2,2-trifluoroethoxymethyl, 2,2,2-trifluoroethoxymethyl, pentafluoroethoxymethyl, 1-fluoroethoxy-1-ethyl, 2-fluoroethoxy-1-ethyl, 1,1-difluoroethoxy-1-ethyl, 1,2-difluoroethoxy-1-ethyl, 2,2-difluoroethoxy-1-ethyl, 1,1,2-trifluoroethoxy-1-ethyl, 1,2,2-trifluoroethoxy-1-ethyl, 2,2,2-trifluoroethoxy-1-ethyl, pentafluoroethoxy-1-ethyl, 1-fluoroethoxy-2-ethyl, 2-fluoroethoxy-2-ethyl, 1,1-difluoroethoxy-2-ethyl, 1,2-difluoroethoxy-2-ethyl, 2,2-difluoroethoxy-2-ethyl, 1,1,2-trifluoroethoxy-2-ethyl, 1,2,2-trifluoroethoxy-2-ethyl, 2,2,2-trifluoroethoxy-2-ethyl, pentafluoroethoxy-2-ethyl, and the like.

The term "alkylthio" (also alkylsulfanyl, "alkyl-S" or "alkyl-$S(O)_k$" (wherein k is 0)) as used herein denotes in each case a straight-chain or branched saturated alkyl group as defined above, usually comprising 1 to 8 carbon atoms ("C_1-C_8-alkylthio"), frequently comprising 1 to 6

carbon atoms ("C_1-C_6-alkylthio"), preferably 1 to 4 carbon atoms ("C_1-C_4-alkylthio"), which is attached via a sulfur atom at any position in the alkyl group. C_1-C_2-Alkylthio is methylthio or ethylthio. C_1-C_4-Alkylthio is additionally, for example, n-propylthio, 1-methylethylthio (isopropylthio), butylthio, 1-methylpropylthio (sec-butylthio), 2-methylpropylthio (isobutylthio) or 1,1-dimethylethylthio (tert-butylthio). C_1-C_6-Alkylthio is additionally, for example, pentylthio, 1-methylbutylthio, 2-methylbutylthio, 3-methylbutylthio, 1,1-dimethylpropylthio, 1,2-dimethylpropylthio, 2,2-dimethylpropylthio, 1-ethylpropylthio, hexylthio, 1-methylpentylthio, 2-methylpentylthio, 3-methylpentylthio, 4-methylpentylthio, 1,1-dimethylbutylthio, 1,2-dimethylbutylthio, 1,3-dimethylbutylthio, 2,2-dimethylbutylthio, 2,3-dimethylbutylthio, 3,3-dimethylbutylthio, 1-ethylbutylthio, 2-ethylbutylthio, 1,1,2-trimethylpropylthio, 1,2,2-trimethylpropylthio, 1-ethyl-1-methylpropylthio or 1-ethyl-2-methylpropylthio. C_1-C_8-Alkylthio is additionally, for example, heptylthio, octylthio, 2-ethylhexylthio and positional isomers thereof.

The term "haloalkylthio" as used herein refers to an alkylthio group as defined above wherein the hydrogen atoms are partially or completely substituted by fluorine, chlorine, bromine and/or iodine. C_1-C_2-Haloalkylthio is, for example, SCH_2F, $SCHF_2$, SCF_3, SCH_2Cl, $SCHCl_2$, $SCCl_3$, chlorofluoromethylthio, dichlorofluoromethylthio, chlorodifluoromethylthio, 2-fluoroethylthio, 2-chloroethylthio, 2-bromoethylthio, 2-iodoethylthio, 2,2-difluoroethylthio, 2,2,2-trifluoroethylthio, 2-chloro-2-fluoroethylthio, 2-chloro-2,2-difluoroethylthio, 2,2-dichloro-2-fluoroethylthio, 2,2,2-trichloroethylthio or SC_2F_5. C_1-C_4-Haloalkylthio is additionally, for example, 2-fluoropropylthio, 3-fluoropropylthio, 2,2-difluoropropylthio, 2,3-difluoropropylthio, 2-chloropropylthio, 3-chloropropylthio, 2,3-dichloropropylthio, 2-bromopropylthio, 3-bromopropylthio, 3,3,3-trifluoropropylthio, 3,3,3-trichloropropylthio, SCH_2-C_2F_5, SCF_2-C_2F_5, 1-(CH_2F)-2-fluoroethylthio, 1-(CH_2Cl)-2-chloroethylthio, 1-(CH_2Br)-2-bromoethylthio, 4-fluorobutylthio, 4-chlorobutylthio, 4-bromobutylthio or nonafluorobutylthio. C_1-C_6-Haloalkylthio is additionally, for example, 5-fluoropentylthio, 5-chloropentylthio, 5-brompentylthio, 5-iodopentylthio, undecafluoropentylthio, 6-fluorohexylthio, 6-chlorohexylthio, 6-bromohexylthio, 6-iodohexylthio or dodecafluorohexylthio.

The terms "alkylsulfinyl" and "alkyl-$S(O)_k$" (wherein k is 1) are equivalent and, as used herein, denote an alkyl group, as defined above, attached via a sulfinyl [S(O)] group. For example, the term "C_1-C_2-alkylsulfinyl" refers to a C_1-C_2-alkyl group, as defined above, attached via a sulfinyl [S(O)] group. The term "C_1-C_4-alkylsulfinyl" refers to a C_1-C_4-alkyl group, as defined above, attached via a sulfinyl [S(O)] group. The term "C_1-C_6-alkylsulfinyl" refers to a C_1-C_6-alkyl group, as defined above, attached via a sulfinyl [S(O)] group. C_1-C_2-alkylsulfinyl is methylsulfinyl or ethylsulfinyl. C_1-C_4-alkylsulfinyl is additionally, for example, n-propylsulfinyl, 1-methylethylsulfinyl (isopropylsulfinyl), butylsulfinyl, 1-methylpropylsulfinyl (sec-butylsulfinyl), 2-methylpropylsulfinyl (isobutylsulfinyl) or 1,1-dimethylethylsulfinyl (tert-butylsulfinyl). C_1-C_6-alkylsulfinyl is additionally, for example, pentylsulfinyl, 1-methylbutylsulfinyl, 2-methylbutylsulfinyl, 3-methylbutylsulfinyl, 1,1-dimethylpropylsulfinyl, 1,2-dimethylpropylsulfinyl, 2,2-dimethylpropylsulfinyl, 1-ethylpropylsulfinyl, hexylsulfinyl, 1-methylpentylsulfinyl, 2-methylpentylsulfinyl, 3-methylpentylsulfinyl, 4-methylpentylsulfinyl, 1,1-dimethylbutylsulfinyl, 1,2-dimethylbutylsulfinyl, 1,3-dimethylbutylsulfinyl, 2,2-dimethylbutylsulfinyl,

2,3-dimethylbutylsulfinyl, 3,3-dimethylbutylsulfinyl, 1-ethylbutylsulfinyl, 2-ethylbutylsulfinyl, 1,1,2-trimethylpropylsulfinyl, 1,2,2-trimethylpropylsulfinyl, 1-ethyl-1-methylpropylsulfinyl or 1-ethyl-2-methylpropylsulfinyl.

The terms "alkylsulfonyl" and "alkyl-$S(O)_k$" (wherein k is 2) are equivalent and, as used herein, denote an alkyl group, as defined above, attached via a sulfonyl [$S(O)_2$] group. The term "C_1-C_2-alkylsulfonyl" refers to a C_1-C_2-alkyl group, as defined above, attached via a sulfonyl [$S(O)_2$] group. The term "C_1-C_4-alkylsulfonyl" refers to a C_1-C_4-alkyl group, as defined above, attached via a sulfonyl [$S(O)_2$] group. The term "C_1-C_6-alkylsulfonyl" refers to a C_1-C_6-alkyl group, as defined above, attached via a sulfonyl [$S(O)_2$] group. C_1-C_2-alkylsulfonyl is methylsulfonyl or ethylsulfonyl. C_1-C_4-alkylsulfonyl is additionally, for example, n-propylsulfonyl, 1-methylethylsulfonyl (isopropylsulfonyl), butylsulfonyl, 1-methylpropylsulfonyl (sec-butylsulfonyl), 2-methylpropylsulfonyl (isobutylsulfonyl) or 1,1-dimethylethylsulfonyl (tert-butylsulfonyl). C_1-C_6-alkylsulfonyl is additionally, for example, pentylsulfonyl, 1-methylbutylsulfonyl, 2-methylbutylsulfonyl, 3-methylbutylsulfonyl, 1,1-dimethylpropylsulfonyl, 1,2-dimethylpropylsulfonyl, 2,2-dimethylpropylsulfonyl, 1-ethylpropylsulfonyl, hexylsulfonyl, 1-methylpentylsulfonyl, 2-methylpentylsulfonyl, 3-methylpentylsulfonyl, 4-methylpentylsulfonyl, 1,1-dimethylbutylsulfonyl, 1,2-dimethylbutylsulfonyl, 1,3-dimethylbutylsulfonyl, 2,2-dimethylbutylsulfonyl, 2,3-dimethylbutylsulfonyl, 3,3-dimethylbutylsulfonyl, 1-ethylbutylsulfonyl, 2-ethylbutylsulfonyl, 1,1,2-trimethylpropylsulfonyl, 1,2,2-trimethylpropylsulfonyl, 1-ethyl-1-methylpropylsulfonyl or 1-ethyl-2-methylpropylsulfonyl.

The term "alkylamino" as used herein denotes in each case a group R*HN-, wherein R* is a straight-chain or branched alkyl group usually having from 1 to 6 carbon atoms ("C_1-C_6-alkylamino"), preferably 1 to 4 carbon atoms("C_1-C_4-alkylamino"). Examples of C_1-C_6-alkylamino are methylamino, ethylamino, n-propylamino, isopropylamino, n-butylamino, 2-butylamino, isobutylamino, tert-butylamino, and the like.

The term "dialkylamino" as used herein denotes in each case a group R*R°N-, wherein R* and R°, independently of each other, are a straight-chain or branched alkyl group each usually having from 1 to 6 carbon atoms ("di-(C_1-C_6-alkyl)-amino"), preferably 1 to 4 carbon atoms ("di-(C_1-C_4-alkyl)-amino"). Examples of a di-(C_1-C_6-alkyl)-amino group are dimethylamino, diethylamino, dipropylamino, dibutylamino, methyl-ethyl-amino, methyl-propyl-amino, methyl-isopropylamino, methyl-butyl-amino, methyl-isobutyl-amino, ethyl-propyl-amino, ethyl-isopropylamino, ethyl-butyl-amino, ethyl-isobutyl-amino, and the like.

The suffix "-carbonyl" in a group denotes in each case that the group is bound to the remainder of the molecule via a carbonyl C=O group. This is the case e.g. in alkylcarbonyl, haloalkylcarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkoxycarbonyl, haloalkoxycarbonyl.

The term "aryl" as used herein refers to a mono-, bi- or tricyclic aromatic hydrocarbon radical such as phenyl or naphthyl, in particular phenyl.

The term "het(ero)aryl" as used herein refers to a mono-, bi- or tricyclic heteroaromatic hydrocarbon radical, preferably to a monocyclic heteroaromatic radical, such as pyridyl, pyrimidyl and the like.

The term "3-, 4-, 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, unsaturated or aromatic heterocycle containing 1, 2, 3 or 4 heteroatoms as ring members selected from the groups consisting of N, O and S" as used herein denotes monocyclic or bicyclic radicals, the monocyclic or bicyclic radicals being saturated, unsaturated or aromatic where N can optionally be oxidized, i.e. in the form of an N-oxide, and S can also optionally be oxidized to various oxidation states, i.e. as SO or SO_2. An unsaturated heterocycle contains at least one C-C and/or C-N and/or N-N double bond(s). A fully unsaturated heterocycle contains as many conjugated C-C and/or C-N and/or N-N double bonds as allowed by the size(s) of the ring(s). An aromatic monocyclic heterocycle is a fully unsaturated 5- or 6-membered monocyclic heterocycle. An aromatic bicyclic heterocycle is an 8-, 9- or 10-membered bicyclic heterocycle consisting of a 5- or 6-membered heteroaromatic ring which is fused to a phenyl ring or to another 5- or 6-membered heteroaromatic ring. The heterocycle may be attached to the remainder of the molecule via a carbon ring member or via a nitrogen ring member. As a matter of course, the heterocyclic ring contains at least one carbon ring atom. If the ring contains more than one O ring atom, these are not adjacent.

Examples of a 3-, 4-, 5- or 6-membered monocyclic saturated heterocycle include: oxirane-2-yl, aziridine-1-yl, aziridine-2-yl, oxetan-2-yl, azetidine-1-yl, azetidine-2-yl, azetidine-3-yl, thietane-1-yl, thietan-2-yl, thietane-3-yl, tetrahydrofuran-2-yl, tetrahydrofuran-3-yl, tetrahydrothien-2-yl, tetrahydrothien-3-yl, pyrrolidin-1-yl, pyrrolidin-2-yl, pyrrolidin-3-yl, pyrazolidin-1-yl, pyrazolidin-3-yl, pyrazolidin-4-yl, pyrazolidin-5-yl, imidazolidin-1-yl, imidazolidin-2-yl, imidazolidin-4-yl, oxazolidin-2-yl, oxazolidin-3-yl, oxazolidin-4-yl, oxazolidin-5-yl, isoxazolidin-2-yl, isoxazolidin-3-yl, isoxazolidin-4-yl, isoxazolidin-5-yl, thiazolidin-2-yl, thiazolidin-3-yl, thiazolidin-4-yl, thiazolidin-5-yl, isothiazolidin-2-yl, isothiazolidin-3-yl, isothiazolidin-4-yl, isothiazolidin-5-yl, 1,2,4-oxadiazolidin-3-yl, 1,2,4-oxadiazolidin-5-yl, 1,2,4-thiadiazolidin-3-yl, 1,2,4-thiadiazolidin-5-yl, 1,2,4-triazolidin-3-yl, 1,3,4-oxadiazolidin-2-yl, 1,3,4-thiadiazolidin-2-yl, 1,3,4-triazolidin-1-yl, 1,3,4-triazolidin-2-yl, 2-tetrahydropyranyl, 4-tetrahydropyranyl, 1,3-dioxan-5-yl, 1,4-dioxan-2-yl, piperidin-1-yl, piperidin-2-yl, piperidin-3-yl, piperidin-4-yl, hexahydropyridazin-3-yl, hexahydropyridazin-4-yl, hexahydropyrimidin-2-yl, hexahydropyrimidin-4-yl, hexahydropyrimidin-5-yl, piperazin-1-yl, piperazin-2-yl, 1,3,5-hexahydrotriazin-1-yl, 1,3,5-hexahydrotriazin-2-yl and 1,2,4-hexahydrotriazin-3-yl, morpholin-2-yl, morpholin-3-yl, morpholin-4-yl, thiomorpholin-2-yl, thiomorpholin-3-yl, thiomorpholin-4-yl, 1-oxothiomorpholin-2-yl, 1-oxothiomorpholin-3-yl, 1-oxothiomorpholin-4-yl, 1,1-dioxothiomorpholin-2-yl, 1,1-dioxothiomorpholin-3-yl, 1,1-dioxothiomorpholin-4-yl and the like.

Examples of a 5- or 6-membered monocyclic partially unsaturated heterocycle include: 2,3-dihydrofur-2-yl, 2,3-dihydrofur-3-yl, 2,4-dihydrofur-2-yl, 2,4-dihydrofur-3-yl, 2,3-dihydrothien-2-yl, 2,3-dihydrothien-3-yl, 2,4-dihydrothien-2-yl, 2,4-dihydrothien-3-yl, 2-pyrrolin-2-yl, 2-pyrrolin-3-yl, 3-pyrrolin-2-yl, 3-pyrrolin-3-yl, 2-isoxazolin-3-yl, 3-isoxazolin-3-yl, 4-isoxazolin-3-yl, 2-isoxazolin-4-yl, 3-isoxazolin-4-yl, 4-isoxazolin-4-yl, 2-isoxazolin-5-yl, 3-isoxazolin-5-yl, 4-isoxazolin-5-yl, 2-isothiazolin-3-yl, 3-isothiazolin-3-yl, 4-isothiazolin-3-yl, 2-isothiazolin-4-yl, 3-isothiazolin-4-yl, 4-isothiazolin-4-yl, 2-isothiazolin-5-yl, 3-isothiazolin-5-yl, 4-isothiazolin-5-yl, 2,3-dihydropyrazol-1-yl, 2,3-dihydropyrazol-2-yl, 2,3-dihydropyrazol-3-yl, 2,3-dihydropyrazol-4-yl,

2,3-dihydropyrazol-5-yl, 3,4-dihydropyrazol-1-yl, 3,4-dihydropyrazol-3-yl, 3,4-dihydropyrazol-4-yl, 3,4-dihydropyrazol-5-yl, 4,5-dihydropyrazol-1-yl, 4,5-dihydropyrazol-3-yl, 4,5-dihydropyrazol-4-yl, 4,5-dihydropyrazol-5-yl, 2,3-dihydrooxazol-2-yl, 2,3-dihydrooxazol-3-yl, 2,3-dihydrooxazol-4-yl, 2,3-dihydrooxazol-5-yl, 3,4-dihydrooxazol-2-yl, 3,4-dihydrooxazol-3-yl, 3,4-dihydrooxazol-4-yl, 3,4-dihydrooxazol-5-yl, 3,4-dihydrooxazol-2-yl, 3,4-dihydrooxazol-3-yl, 3,4-dihydrooxazol-4-yl, 2-, 3-, 4-, 5- or 6-di- or tetrahydropyridinyl, 3-di- or tetrahydropyridazinyl, 4-di- or tetrahydropyridazinyl, 2-di- or tetrahydropyrimidinyl, 4-di- or tetrahydropyrimidinyl, 5-di- or tetrahydropyrimidinyl, di- or tetrahydropyrazinyl, 1,3,5-di- or tetrahydrotriazin-2-yl and 1,2,4-di- or tetrahydrotriazin-3-yl.

A 5- or 6-membered monocyclic fully unsaturated (including aromatic) heterocyclic ring is e.g. a 5- or 6-membered monocyclic fully unsaturated (including aromatic) heterocyclic ring. Examples are: 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 1-pyrrolyl, 2-pyrrolyl, 3-pyrrolyl, 1-pyrazolyl, 3-pyrazolyl, 4-pyrazolyl, 5-pyrazolyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, 1-imidazolyl, 2-imidazolyl, 4-imidazolyl, 1,3,4-triazol-1-yl, 1,3,4-triazol-2-yl, 2-pyridinyl, 3-pyridinyl, 4-pyridinyl, 1-oxopyridin-2-yl, 1-oxopyridin-3-yl, 1-oxopyridin-4-yl,3-pyridazinyl, 4-pyridazinyl, 2-pyrimidinyl, 4-pyrimidinyl, 5-pyrimidinyl and 2-pyrazinyl.

Examples of a 5- or 6-membered heteroaromatic ring fused to a phenyl ring or to a 5- or 6-membered heteroaromatic radical include benzofuranyl, benzothienyl, indolyl, indazolyl, benzimidazolyl, benzoxathiazolyl, benzoxadiazolyl, benzothiadiazolyl, benzoxazinyl, chinolinyl, isochinolinyl, purinyl, 1,8-naphthyridyl, pteridyl, pyrido[3,2-d]pyrimidyl or pyridoimidazolyl and the like.

If two radicals bound on the same nitrogen atom (for example R^e and R^f or R^{2e} and R^{2f} or R^g and R^h or R^{2g} and R^{2h}) together with the nitrogen atom, to which they are bound, form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N, this is for example pyrrolidine-1-yl, pyrazolidin-1-yl, imidazolidin-1-yl, oxazolidin-3-yl, thiazolidin-3-yl, isoxazolidin-2-yl, isothiazolin-2-yl, [1,2,3]-triazolidin-1-yl, [1,2,3]-triazolidin-2-yl, [1,2,4]-triazolidin-1-yl, [1,2,4]-triazolidin-4-yl, [1,2,3]-oxadiazolidin-2-yl, [1,2,3]-oxadiazolidin-3-yl, [1,2,5]-oxadiazolidin-2-yl, [1,2,4]-oxadiazolidin-2-yl, [1,2,4]-oxadiazolidin-4-yl, [1,3,4]-oxadiazolidin-3-yl, [1,2,3]-thiadiazolidin-2-yl, [1,2,3]- thiadiazolidin-3-yl, [1,2,5]-thiadiazolidin-2-yl, [1,2,4]-thiadiazolidin-2-yl, [1,2,4]-thiadiazolidin-4-yl, [1,3,4]-thiadiazolidin-3-yl, piperdin-1-yl, piperazine-1-yl, morpholin-1-yl, thiomorpholin-1-yl, 1-oxothiomorpholin-1-yl, 1,1-dioxothiomorpholin-1-yl, azepan-1-yl, 1,4-diazepan-1-yl, pyrrolin-1-yl, pyrazolin-1-yl, imidazolin-1-yl, oxazolin-3-yl, isoxazolin-2-yl, thiazolin-3-yl, isothiazolin-1-yl, 1,2-dihydropyridin-1-yl, 1,2,3,4-tetrahydropyridin-1-yl, 1,2,5,6-tetrahydropyridin-1-yl, 1,2-dihydropyridazin, 1,6-dihydropyridazin, 1,2,3,4-tetrahydropyridazin-1-yl, 1,2,5,6-tetrahydropyridazin-1-yl, 1,2-dihydropyrimidin, 1,6-dihydropyrimidin, 1,2,3,4-tetrahydropyrimidin-1-yl, 1,2,5,6-tetrahydropyrimidin-1-yl, 1,2-dihydropyrazin-1-yl, 1,2,3,4-tetrahydropyrazin-1-yl, 1,2,5,6-tetrahydropyrazin-1-yl, pyrrol-1-yl, pyrazol-1-yl, imidazol-1-yl, [1,2,3]-1H-triazol-1-yl, [1,2,3]-2H-triazol-2-yl, [1,2,4]-1H-triazol-1-yl and [1,2,4]-4H-triazol-4-yl.

The remarks made below as to preferred embodiments of the variables (substituents) of the compounds of formula I are valid on their own as well as preferably in combination with

each other, as well as in combination with the stereoisomers, salts, tautomers or N-oxides thereof.

The remarks made below concerning preferred embodiments of the variables further are valid on their own as well as preferably in combination with each other concerning the compounds of formulae I, where applicable, as well as concerning the uses and methods according to the invention and the composition according to the invention.

Preferred compounds according to the invention are compounds of formula I or a stereoisomer, salt or N-oxide thereof, wherein the salt is an agriculturally suitable salt. Further preferred compounds according to the invention are compounds of formula I or an N-oxide or salt thereof, especially an agriculturally suitable salt. Particularly preferred compounds according to the invention are compounds of formula I or a salt thereof, especially an agriculturally suitable salt thereof.

According to one embodiment of the invention the variable X in the compounds of formula I is N.

According to another embodiment of the invention the variable X in the compounds of formula I is CR^2.

Preferred compounds according to the invention are compounds of formula I, wherein R^1 is selected from the group consisting of cyano, halogen, nitro, C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy and $R1^b$-$S(O)_k$, where Z^1 is as defined in claim 1, where k is 0, 1 or 2 and where R^{1b} is selected from C_1-C_4-alkyl and C_1-C_4-haloalkyl.

In a more preferred embodiment, in the compound of formula I, R^1 is selected from the group consisting of halogen, cyano, nitro, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_4-alkenyloxy, C_3-C_4-alkynyloxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy, C_1-C_4-alkyl-$S(O)_k$ and C_1-C_4-haloalkyl-$S(O)_k$, where k is 0 or 2.

In a highly preferred embodiment, in the compound of formula I, R^1 is selected from the group consisting of halogen, nitro, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio and C_1-C_4-alkylsulfonyl.

In one preferred embodiment of the present invention, X as used in the context of formula I is N (nitrogen).

In an alternative group of embodiments of the present invention, where X is CR^2, the variable R^2 is hydrogen.

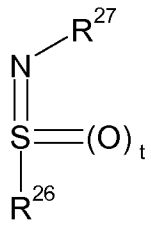
In another group of embodiments of the invention, where X is CR^2, the variable R^2 of the compounds of formula I has any one of the meanings given above for R^2 with the exception of hydrogen.

According to a preferred embodiment of the invention the variable R^2 is 5- or 6-membered heterocyclyl, where heterocyclyl is a saturated, partially unsaturated or aromatic heterocyclic radical, which contains as a ring member 1 heteroatom selected from the group consisting of O, N and S and 0, 1, 2 or 3 further nitrogen atoms, where heterocyclyl is unsubstituted or carries 1, 2 or 3 radicals R^{21} which are identical or different.

According to an even more preferred embodiment of the invention, the variable R^2 is 5- or 6-membered heterocyclyl selected from the group consisting of isoxazolinyl, 1,2-dihydrotetrazolonyl, 1,4-dihydrotetrazolonyl, tetrahydrofuryl, dioxolanyl, piperidinyl, morpholinyl, piperazinyl, isoxazolyl, pyrazolyl, thiazolyl, oxazolyl, furyl, pyridinyl, pyrimidinyl and pyrazinyl, where heterocyclyl is unsubstituted or carries 1, 2 or 3 radicals R^{21} which are identical or different and selected from the group consisting of C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkylthio-C_1-C_4-alkyl.

According to a particular embodiment of the invention the variable R^2 is selected from the group consisting of hydrogen, halogen, C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-alkenyloxy, C_3-C_6-alkynyloxy, C_3-C_6-haloalkenyloxy, C_3-C_6-haloalkynyloxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, C_1-C_4-alkyl-$S(O)_k$ and C_1-C_4-haloalkyl-$S(O)_k$, where k is 0, 1 or 2, $N(C_1$-C_4-alkyl$)SO_2(C_1$-C_4-alkyl), isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl.

In another particular embodiment of the invention, the variable R^2 in formula I is



,

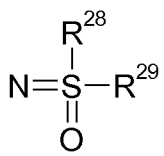
where

R^{26} is selected from the group consisting of methyl, ethyl and methoxyethyl,

R^{27} is selected from the group consisting of hydrogen, cyano and trifluoroacetyl,

t is 0 or 1;

or



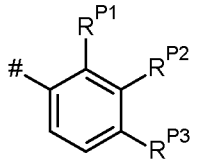
,

where

R^{28} is ethyl and R^{29} is ethyl, or

R^{28} and R^{29} together are $-(CH_2)_5-$ or $-(CH_2)_2-O-(CH_2)_2-$.

According to a more preferred embodiment of the invention the variable R^2 in the compounds of formula I is a radical of the following formula:



in which # denotes the bond through which the group R^2 is attached and:

R^{P1} is hydrogen or halogen, preferably hydrogen, Cl, Br or F, and in particular H or F;

R^{P2} is hydrogen, halogen or C_1-C_2-alkoxy, preferably hydrogen, Cl, Br, F, OCH_3 or OCH_2CH_3, and in particular H, F, Cl or OCH_3; and

R^{P3} is hydrogen, halogen, C_1-C_2-alkyl, C_1-C_2-haloalkyl, C_1-C_2-alkoxy, C_1-C_2-alkoxy-C_1-C_2-alkoxy, preferably hydrogen, Cl, Br, F, CH_3, C_2H_5, CF_3, CHF_2, CH_2F, CCl_2F, CF_2Cl, CH_2CF_3, CH_2CHF_2, CF_2CF_3, OCH_3, OCH_2CH_3, OCH_2OCH_3, $OCH_2CH_2OCH_2CH_3$, $OCH_2OCH_2CH_3$ or $OCH_2CH_2OCH_3$, and in particular is H, F, Cl, CH_3, CF_3, OCH_3, OCH_2CH_3, OCH_2OCH_3 or $OCH_2CH_2OCH_3$.

According to a particular embodiment of the invention the variable R^2 in the compounds of formula I is phenyl which is unsubstituted or carries one radical R^{21}, where R^{21} is preferably attached to position 4 of the phenyl group and is as defined above and in particular selected from C_1-C_2-alkyl, C_1-C_2-alkoxy, C_1-C_2-haloalkyl and C_1-C_2-alkoxy-C_1-C_2-alkoxy, preferably form CH_3, C_2H_5, OCH_3, OC_2H_5, CHF_2, CF_3, OCH_2OCH_3 and $OCH_2CH_2OCH_3$, and specifically from OCH_3 and OC_2H_5.

According to a preferred embodiment of the invention the variable R^2 in the compounds of formula I is selected from the group consisting of hydrogen, halogen, C_1-C_6-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-alkenyloxy, C_3-C_6-alkynyloxy, C_3-C_6-haloalkenyloxy, C_3-C_6-haloalkynyloxy, C_1-C_4-alkoxycarbonyl, C_1-C_4-alkyl-$S(O)_k$ and C_1-C_4-haloalkyl-$S(O)_k$, where k is 0, 1 or 2, isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl.

According to another preferred embodiment of the invention the variable R^2 in the compounds of formula I is selected from the group consisting of halogen, C_1-C_6-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-alkenyloxy, C_3-C_6-alkynyloxy, C_3-C_6-haloalkenyloxy, C_3-C_6-haloalkynyloxy, C_1-C_4-alkoxycarbonyl, C_1-C_4-alkyl-$S(O)_k$ and C_1-C_4-haloalkyl-$S(O)_k$, where k is 0, 1 or 2, isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl.

According to a more preferred embodiment of the invention the variable R^2 in the compounds of formula I is selected from C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_1-C_4-alkoxy, C_1-C_2-haloalkoxy-C_1-C_2-alkyl, C_3-C_4-alkenyloxy, C_3-C_4-alkynyloxy, C_1-C_4-alkoxycarbonyl and C_1-C_4-

alkyl-S(O_2), and in particular from CH=CH_2, CH=$CHCH_3$, $CH_2OCH_2CF_3$, OC_2H_5, $OCH_2CH=CH_2$, $OCH_2C\equiv CH$, $C(O)OCH_3$, $C(O)OC_2H_5$, SO_2CH_3, $SO_2C_2H_5$ and $SO_2CH(CH_3)_2$.

According to a specifically preferred embodiment of the invention the variable R^2 in the compounds of formula I is selected from the group consisting of hydrogen, 4,5-dihydroisoxazol-3-yl, which is unsubstituted or substituted in position 5 with CH_3, CH_2F or CHF_2, 4,5-dihydroisoxazol-5-yl, which is unsubstituted or substituted in position 3 with CH_3, OCH_3, CH_2OCH_3, CH_2SCH_3, 1-methyl-5-oxo-1,5-dihydrotetrazol-2-yl, 4-methyl-5-oxo-4,5-dihydrotetrazol-1-yl, morpholin-4-yl, isoxazol-3-yl, 5-methyl-isoxazol-3-yl, isoxazol-5-yl, 3-methyl-isoxazol-5-yl, 1-methyl-1H-pyrazol-3-yl, 2-methyl-2H-pyrazol-3-yl, thiazol-2-yl, 4-CH_3-phenyl, 4-C_2H_5-phenyl, 4-OCH_3-phenyl, 4-OC_2H_5-phenyl, 4-CHF_2-phenyl, 4-CF_3-phenyl, 4-OCH_2OCH_3-phenyl, 4-$OCH_2CH_2OCH_3$-phenyl, CH=CH_2, CH=$CHCH_3$, $CH_2OCH_2CF_3$, OC_2H_5, $OCH_2CH=CH_2$, $OCH_2C\equiv CH$, $C(O)OCH_3$, $C(O)OC_2H_5$, SO_2CH_3, $SO_2C_2H_5$ and $SO_2CH(CH_3)_2$, in particular selected from hydrogen, halogen, methyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfanyl, ethylsulfanyl, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl, and specifically selected from hydrogen, chlorine, methylsulfonyl, methylsulfanyl, $CH_2OCH_2CF_3$, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl and 3-methyl-5-isoxazolyl.

In a highly preferred embodiment, R^2 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-cycloalkyl-C_1-C_2-alkoxy, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_1-C_2-haloalkoxy-C_1-C_2-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkoxy, C_1-C_4-alkyl-$S(O)_k$, where k is 0, 1 or 2, $N(C_1$-C_4-alkyl)$SO_2(C_1$-C_4-alkyl), isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl.

In a particularly preferred embodiment, R^2 in formula I is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, methoxy, ethoxy, OCH_2(cyclo-C_3H_5), $OCHF_2$, OCH_2CF_3, $OCH_2CH_2OCH_3$, methoxymethyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfinyl, ethylsulfinyl, methylsulfanyl, ethylsulfanyl, $NCH_3SO_2CH_3$, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl, in particular selected from the group consisting of hydrogen, chlorine, fluorine, methyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfanyl, ethylsulfanyl, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl.

Preferred compounds according to the invention are compounds of formula I, wherein R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_3-C_4-alkenyloxy, C_3-C_4-alkynyloxy or R^{2b}-$S(O)_k$, where k is 0, 1 or 2 and where R^{2b} is selected from C_1-C_4-alkyl and C_1-C_4-haloalkyl.

More preferably, R^3 is selected from R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio, C_1-C_4-alkyl-$S(O)_2$ and C_1-C_4-haloalkyl-$S(O)_2$.

In particular, R^3 is selected from the group consisting of chlorine, fluorine, CF_3, SO_2CH_3, cyano, nitro, hydrogen and CH_3.

Preferred compounds according to the invention are compounds of formula I, wherein R^4 is selected from the group consisting of hydrogen, cyano, halogen, nitro, C_1-C_2-alkyl and C_1-C_2-haloalkyl, in particular from the group consisting of hydrogen, CHF_2, CF_3, CN, NO_2, CH_3 and halogen, and specifically from hydrogen, CHF_2, CF_3, CN, NO_2, CH_3, Cl, Br and F.

In particular, R^4 is selected from the group consisting of hydrogen, CHF_2, CF_3, CN, NO_2, CH_3 and halogen.

Preferred compounds according to the invention are compounds of formula I, wherein R^5 is selected from the group consisting of halogen, C_1-C_2-alkyl and C_1-C_2-haloalkyl, and in particular from the group consisting of CHF_2, CF_3 and halogen.

According to a particular embodiment of the invention R^5 is selected from the group consisting of CHF_2, CF_3 and halogen.

According to a particular embodiment of the invention, R^4 is hydrogen and R^5 is chlorine or fluorine.

According to a preferred embodiment of the invention, R^6 in the compounds formula I is selected from the group consisting of cyano, C_1-C_6-alkyl, C_1-C_6-cyano-alkyl, C_1-C_6-alkoxy, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, R^bR^bN-$S(O)_n$-Z, R^bO-$S(O)_n$-Z, R^b-$S(O)_n$-Z, R^d-C(=O)O-C_1-C_3-alkyl , R^d-O-C(=O)O-C_1-C_3-alkyl , R^dO-C(=O)-C_1-C_3-alkyl, R^eR^fN-C(=O)-C_1-C_3-alkyl, phenyl-Z and where phenyl is unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different.

Preferred compounds according to the invention are compounds of formula I, wherein R^6 is selected from the group consisting of C_1-C_4-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_7-cycloalkyl, C_1-C_4-haloalkyl, R^c-C(=O)-C_1-C_2-alkyl, R^dO-C(=O)-C_1-C_2-alkyl, R^eR^fN-C(=O)-C_1-C_2-alkyl, R^k-C(=O)NH-C_1-C_2-alkyl and benzyl, where

R^c is C_1-C_4-alkyl or C_1-C_4-haloalkyl,

R^d is C_1-C_4-alkyl,

R^e is hydrogen or C_1-C_4-alkyl,

R^f is hydrogen or C_1-C_4-alkyl, or

R^e, R^f together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 methyl groups,

R^k is C_1-C_4-alkyl.

Further preferred compounds according to the invention are compounds of formula I, wherein

R^6 is selected from the group consisting of C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, R^dO-C(=O)-C_1-C_3-alkyl, phenyl-Z and where phenyl is unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different.

More preferred compounds according to the invention are compounds of formula I, wherein R^6 is selected from the group consisting of cyano, C_1-C_6-alkyl, C_1-C_6-cyano-alkyl, C_1-C_6-alkoxy, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-

alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, R^bR^bN-S(O)$_n$-Z, R^bO-S(O)$_n$-Z, R^b-S(O)$_n$-Z, R^d-C(=O)O-C_1-C_3-alkyl , R^d-O-C(=O)O-C_1-C_3-alkyl , R^dO-C(=O)-C_1-C_3-alkyl, R^eR^fN-C(=O)-C_1-C_3-alkyl, phenyl-Z and where phenyl is unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different.

Highly preferably, R^6 is selected from the group consisting of C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, R^dO-C(=O)-C_1-C_3-alkyl, phenyl-Z and where phenyl is unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different.

Particularly, R6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-ynyl and methoxycarbonylmethyl;

According to one embodiment, preferred compounds according to the invention are compounds of formula I, wherein R^7 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_7-cycloalkyl, C_1-C_4-haloalkyl, R^c-C(=O)-C_1-C_2-alkyl, R^dO-C(=O)-C_1-C_2-alkyl, R^eR^fN-C(=O)-C_1-C_2-alkyl, R^k-C(=O)NH-C_1-C_2-alkyl and benzyl, where

R^c is C_1-C_4-alkyl or C_1-C_4-haloalkyl,

R^d is C_1-C_4-alkyl,

R^e is hydrogen or C_1-C_4-alkyl,

R^f is hydrogen or C_1-C_4-alkyl, or

R^e, R^f together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 methyl groups,

R^k is C_1-C_4-alkyl.

According to a highly preferred embodiment, R^7 is selected from the group consisting of C_1-C_4-alkyl, C_3-C_7-cycloalkyl, C_1-C_4-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy and C_1-C_4-alkoxy-C_1-C_4-alkyl.

Even more preferably R^7 is selected from the group consisting of methyl, ethyl, propyl, methoxy, ethoxy, methoxymethyl, methoxyethyl and ethoxymethyl, in particular selected from the group consisting of methyl, ethyl and methoxy.

In this context, the variables R', R^{11}, R^{21}, R^{22}, R^{23}, R^{24}, R^{25}, R^{26}, R^{27}, R^{28}, Z, Z^1, Z^2, Z^{2a}, R^a, R^b, R^{1b}, R^{2b}, R^c, R^{2c}, R^d, R^{2d}, R^e, R^{2e}, R^f, R^{2f}, R^g, R^{2g}, R^h, R^{2h}, R^k, n and k, independently of each other, preferably have one of the following meanings:

R', R^{11}, R^{21} independently of each other are selected from halogen, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_6-halocycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy and C_1-C_6-haloalkyloxy, more preferably from halogen, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl and C_1-C_4-alkoxy.

More preferably R', R^{11}, R^{21} independently of each other are selected from the group consisting of halogen, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkyl and C_1-C_4-alkoxy-C_1-C_4-alkoxy; in particular selected from halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkoxy-C_1-C_4-alkoxy; and specifically from Cl, F, Br, methyl, ethyl, methoxy and trifluoromethyl.

R^{22} is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_3-C_6-haloalkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl, phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, phenyl-N(R^{23})-C_1-C_6-alkyl, heteroaryl-N(R^{23})-C_1-C_6-alkyl, heterocyclyl-N(R^{23})-C_1-C_6-alkyl, phenyl-S(O)$_n$-C_1-C_6-alkyl, heteroaryl-S(O)$_n$-C_1-C_6-alkyl, heterocyclyl-S(O)$_n$-C_1-C_6-alkyl, where the 15 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, cyano, rhodano, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C(O)OR^{23}, C(O)N(R^{23})$_2$, OR^{23}, N(R^{23})$_2$, S(O)$_n$$R^{24}$, S(O)$_2OR^{23}$, S(O)$_2$N($R^{23}$)$_2$ and R^{23}O-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups;

R^{23} is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl and phenyl;

R^{24} is selected from the group consisting of C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl and phenyl;

R^{25} is selected from the group consisting of C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_3-C_6-haloalkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl, phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, phenyl-N(R^{23})-C_1-C_6-alkyl, heteroaryl-N(R^{23})-C_1-C_6-alkyl, heterocyclyl-N(R^{23})-C_1-C_6-alkyl, phenyl-S(O)$_n$-C_1-C_6-alkyl, heteroaryl-S(O)$_n$-C_1-C_6-alkyl, heterocyclyl-S(O)$_n$-C_1-C_6-alkyl, where the 15 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, cyano, rhodano, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C(O)OR^{23}, C(O)N(R^{23})$_2$, OR^{23}, N(R^{23})$_2$, S(O)$_n$$R^{24}$, S(O)$_2OR^{23}$, S(O)$_2$N($R^{23}$)$_2$ and R^{23}O-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups;

R^{26} is C_1-C_6-alkyl or C_1-C_4-alkoxy-C_1-C_4-alkyl;

R^{27} is selected from the group consisting of hydrogen, cyano and C_1-C_4-haloalkylcarbonyl;

R^{28}, R^{29} independently of each other are C_1-C_6-alkyl, or

R^{28}, R^{29} together with the sulfur atom, to which they are bound may form a 5- or 6-membered saturated ring, which may carry as a ring member 1 oxygen atom;

Z, Z^1, Z^2 independently of each other are selected from a covalent bond, methanediyl and ethanediyl, and in particular are a covalent bond.

Z^{2a} is selected from a covalent bond, C_1-C_2-alkanediyl, O-C_1-C_2-alkanediyl, C_1-C_2-alkanediyl-O and C_1-C_2-alkanediyl-O-C_1-C_2-alkanediyl; more preferably from a covalent bond, methanediyl, ethanediyl, O-methanediyl, O-ethanediyl, methanediyl-O, and ethanediyl-O; and in particular from a covalent bond, methanediyl and ethanediyl.

R^a is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl,

where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^b, R^{1b}, R^{2b} independently of each other are selected from C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2 or 3 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted or substituted by 1, 2 or 3 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_2-haloalkyl and C_1-C_2-alkoxy.

More preferably R^b,R^{1b}, R^{2b} independently of each other are selected from the group consisting of C_1-C_4-alkyl, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_1-C_4-haloalkyl, C_2-C_4-haloalkenyl, C_2-C_4-haloalkynyl, C_3-C_6-cycloalkyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2 or 3 heteroatoms as ring members, which are selected from the group consisting of O, N and S.

In particular, R^b, R^{1b}, R^{2b} independently of each other are selected from C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C_4-alkenyl, C_2-C_4-haloalkenyl, C_2-C_4-alkynyl, C_3-C_6-cycloalkyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered aromatic heterocyclic radical having 1 or 2 nitrogen atoms as ring members.

R^c, R^{2c}, R^k independently of each other are selected from hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl, benzyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2 or 3 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl, benzyl and heterocyclyl are unsubstituted or substituted by 1, 2 or 3 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkoxy.

More preferably R^c, R^{2c}, R^k independently of each other are selected from hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C-alkenyl, C_2-C-haloalkenyl, C_2-C-alkynyl, C_3-C_6-cycloalkyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2 or 3 heteroatoms as ring members, which are selected from the group consisting of O, N and S.

In particular, R^c, R^{2c}, R^k independently of each other are selected from hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C_4-alkenyl, C_2-C_4-haloalkenyl, C_3-C_6-cycloalkyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered aromatic heterocyclic radical having 1 or 2 nitrogen atoms as ring members.

R^d, R^{2d} independently of each other are selected from C_1-C_6-alkyl, C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl.

More preferably R^d, R^{2d} independently of each other are selected from C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl and C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, and in particular selected from C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C_4-alkenyl, C_2-C_4-haloalkenyl, C_2-C_4-alkynyl and C_3-C_6-cycloalkyl.

R^e, R^f, R^{2e}, R^{2f} independently of each other are selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, which is unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2 or 3 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkoxy, or R^e and R^f or R^{2e} and R^{2f} together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkoxy.

More preferably R^e, R^f, R^{2e}, R^{2f} independently of each other are selected from hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl and benzyl, or R^e and R^f or R^{2e} and R^{2f} together with the nitrogen atom, to which they are bound may form a 5- or 6-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2 or 3 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-haloalkyl.

In particular, R^e, R^f, R^{2e}, R^{2f} independently of each other are selected from hydrogen and C_1-C_4-alkyl, or R^e and R^f or R^{2e} and R^{2f} together with the nitrogen atom, to which they are bound may form a 5- or 6-membered, saturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2 or 3 methyl groups.

R^g, R^{2g} independently of each other are selected from hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylsulfonyl, C_1-C_4-alkylcarbonyl, phenyl and benzyl.

More preferably R^g, R^{2g} independently of each other are selected from hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, benzyl, C_1-C_4-alkoxy-C_1-C_4-alkyl and C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, and in particular selected from hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C_4-alkenyl, C_2-C_4-haloalkenyl, benzyl and C_3-C_6-cycloalkyl.

R^h, R^{2h} independently of each other are selected from hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylsulfonyl, C_1-C_4-alkylcarbonyl, phenyl, benzyl and a radical C(=O)-R^k, where R^k is H, C_1-C_4-alkyl, C_1-C_4-haloalkyl or phenyl.

More preferably R^h, R^{2h} independently of each other are selected from hydrogen, C_1-C_6-

alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, benzyl, C_1-C_4-alkoxy-C_1-C_4-alkyl and C_3-C_7-cycloalkyl, which is unsubstituted or partly or completely halogenated, and in particular selected from hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C_4-alkenyl, C_2-C_4-haloalkenyl, benzyl and C_3-C_6-cycloalkyl; or

R^g and R^h or R^{2g} and R^{2h} together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of =O, halogen, C_1-C_4-alkyl and C_1-C_4-haloalkyl and C_1-C_4-alkoxy;

more preferably R^g and R^h or R^{2g} and R^{2h} together with the nitrogen atom, to which they are bound may form a 5- or 6-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2 or 3 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-haloalkyl;

and in particular, R^g and R^h or R^{2g} and R^{2h} together with the nitrogen atom, to which they are bound may form a 5- or 6-membered, saturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2 or 3 methyl groups.

n and k independently of each other are 0 or 2, and in particular 2.

s is 0, 1, 2 or 3.

t is 0 or 1.

Particularly preferably, the variables have the following meanings:

R^{22} is selected from hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl, phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, where the 9 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, $C(O)OR^{23}$, $C(O)N(R^{23})_2$, OR^{23}, $N(R^{23})_2$, $S(O)_nR^{24}$ and $R^{23}O$-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups.

More preferably R^{22} is selected from hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_2-alkyl, phenyl and phenyl-C_1-C_2-alkyl. In particular, R^{22} is hydrogen or C_1-C_4-alkyl.

R^{23} is selected from hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_3-C_6-cycloalkyl. In particular, R^{23} is hydrogen or C_1-C_4-alkyl.

R^{24} is selected from C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_3-C_6-cycloalkyl. In particular, R^{24} is C_1-C_4-alkyl.

R^{25} is selected from C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl, phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, where the 9 aforementioned radicals are substituted by s residues selected from the group consisting

of nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, $C(O)OR^{23}$, $C(O)N(R^{23})_2$, OR^{23}, $N(R^{23})_2$, $S(O)_nR^{24}$ and $R^{23}O$-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups.

More preferably R^{25} is selected from C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_2-alkyl, phenyl and phenyl-C_1-C_2-alkyl. In particular, R^{25} is C_1-C_4-alkyl.

R^{26} is selected from the group consisting of methyl, ethyl and methoxyethyl.

R^{27} is selected from the group consisting of hydrogen, cyano and trifluoroacetyl.

R^{28} is ethyl and R^{29} is ethyl, or R^{28} and R^{29} together are $-(CH_2)_5-$ or $-(CH_2)_2-O-(CH_2)_2-$.

s is 0, 1, 2 or 3. In one particular embodiment of the invention, s is 0. In another particular embodiment of the invention, s is 1, 2 or 3.

t is 0 or 1. In one particular embodiment of the invention, t is 0. In another particular embodiment of the invention, t is 1.

According to one embodiment, preferred compounds according to the invention are compounds of formula I, where

R^1 is selected from the group consisting of halogen, nitro, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio and C_1-C_4-alkylsulfonyl; and

R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio and C_1-C_4-alkylsulfonyl.

According to an even more preferred embodiment, compounds according to the invention are compounds of formula I, where X is CR^2 and the variables R^1, R^2, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of halogen, nitro, cyclopropyl, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkyl-$S(O)_2$;

R^2 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-cycloalkyl-C_1-C_2-alkoxy, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_1-C_2-haloalkoxy-C_1-C_2-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkoxy, C_1-C_4-alkyl-$S(O)_k$, where k is 0, 1 or 2, $N(C_1$-C_4-alkyl$)SO_2(C_1$-C_4-alkyl), isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl;

R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkyl-$S(O)_2$;

R^4 is selected from the group consisting of hydrogen, cyano, methyl and halogen;

R^5 is selected from the group consisting of halogen, CHF_2 and CF_3;

R^6 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_1-C_4-alkoxycarbonyl-C_1-C_4-alkyl and phenyl-C_1-C_2-alkyl;

R^7 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_4-alkoxy and C_1-C_2-alkoxy-C_1-C_2-alkyl.

In a preferred embodiment, X is CR^2 and the variables R^1, R^2, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of chlorine, nitro, methyl, cyclopropyl, trifluoromethyl, methoxymethyl, $CH_2OCH_2CH_2OCH_3$ and methylsulfonyl;

R^2 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, methoxy, ethoxy, OCH_2(cyclo-C_3H_5), $OCHF_2$, OCH_2CF_3, $OCH_2CH_2OCH_3$, methoxymethyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfinyl, ethylsulfinyl, methylsulfanyl, ethylsulfanyl, $NCH_3SO_2CH_3$, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl;

R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, bromine, cyano, nitro, methyl, trifluoromethyl and methylsulfonyl;

R^4 is selected from the group consisting of hydrogen, cyano, methyl, chlorine and fluorine;

R^5 is selected from the group consisting of chlorine and fluorine;

R^6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-enyl, prop-2-ynyl, methoxycarbonylmethyl and benzyl;

R^7 is selected from the group consisting of methyl, ethyl, propyl, methoxy, ethoxy, methoxymethyl, methoxyethyl and ethoxymethyl.

In another preferred embodiment of the present invention, X is N and the variables R^1, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of halogen, nitro, cyclopropyl, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkyl-$S(O)_2$;

R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkyl-$S(O)_2$;

R^4 is selected from the group consisting of hydrogen, cyano, methyl and halogen;

R^5 is selected from the group consisting of halogen, CHF_2 and CF_3;

R^6 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_1-C_4-alkoxycarbonyl-C_1-C_4-alkyl and phenyl-C_1-C_2-alkyl;

R^7 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_4-alkoxy and C_1-C_2-alkoxy-C_1-C_2-alkyl.

In a more preferred embodiment of the present invention, X is N and the variables R^1, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of chlorine, nitro, methyl, cyclopropyl, trifluoromethyl, methoxymethyl, $CH_2OCH_2CH_2OCH_3$ and methylsulfonyl;

R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, bromine, cyano, nitro, methyl, trifluoromethyl and methylsulfonyl;

R^4 is selected from the group consisting of hydrogen, cyano, methyl, chlorine and fluorine;

R^5 is selected from the group consisting of chlorine and fluorine;

R^6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-enyl, prop-2-ynyl, methoxycarbonylmethyl and benzyl;

R^7 is selected from the group consisting of methyl, ethyl, propyl, methoxy, ethoxy, methoxymethyl, methoxyethyl and ethoxymethyl.

In another preferred embodiment of the present invention, X is CR^2 and the variables R^1, R^2, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of chlorine, nitro, methyl, cyclopropyl, trifluoromethyl, methoxymethyl, $CH_2OCH_2CH_2OCH_3$ and methylsulfonyl;

R^2 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfanyl, ethylsulfanyl, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl;

R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, cyano, nitro, methyl, trifluoromethyl and methylsulfonyl;

R^4 is selected from the group consisting of hydrogen, cyano, methyl, chlorine and fluorine;

R^5 is selected from the group consisting of chlorine and fluorine;

R^6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-ynyl and methoxycarbonylmethyl;

R^7 is selected from the group consisting of methyl, ethyl and methoxy.

In a still further embodiment of the present invention, X is CR^2 and the variable R^3 are not hydrogen, in particular X is CR^2 and the variables R^2 and R^3 are not hydrogen.

A second aspect of the presentinvention relates to a composition comprising at least one compound, an N-oxide or an agriculturally suitable salt thereof, according to the present invention and at least one auxiliary, which is customary for formulating crop protection compounds.

A further aspect of the present invention refers to the use of a compound, an N-oxide or an agriculturally suitable salt thereof, or a composition according to the present invention for controlling unwanted vegetation.

A still further aspect of the present invention relates to a method for controlling unwanted vegetation which comprises allowing a herbicidally effective amount of at least one compound, an N-oxide or an agriculturally suitable salt thereof, or a composition according to the present invention to act on plants, their seed and/or their habitat.

According to another preferred embodiment of the invention, where X is CR^2, the variables R^1, R^2, R^3, R^4 and R^5 together form one of the following substitution patterns on the phenyl ring of compounds of formula I, provided that position 1 is the attachment point of the phenyl ring to the remainder of the molecule:

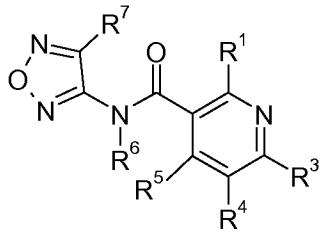
2-Br-4,6-Cl_2, 2,6-Cl_2-4-CN, 2,4,6-Cl_3, 2,6-Cl_2-4-F, 2,6-Cl_2-4-CF_3, 2,6-Cl_2-4-$S(O)_2CH_3$, 2-CF_3-4-CN-6-Cl, 2-CF_3-4,6-Cl_2, 2-CF_3-4-CF_3-6-Cl, 2-CF_3-4-$S(O)_2CH_3$-6-Cl, 2-CF_3-4-F-6-Cl, 2-CH_3-CN-6-Cl, 2-CH_3-4,6-Cl_2, 2-CH_3-4-CF_3-6-Cl, 2-CH_3-4-$S(O)_2CH_3$-6-Cl, 2-CH_3-4-F-6-Cl, 2-$S(O)_2CH_3$-4-CN-6-Cl, 2-$S(O)_2CH_3$-4,6-Cl_2, 2-$S(O)_2CH_3$-4-CF_3-6-Cl, 2-$S(O)_2CH_3$-4-$S(O)_2CH_3$-6-Cl, 2-$S(O)_2CH_3$-4-F-6-Cl, 2-Cl-4-CN-6-F, 2-Cl-4-CF_3-6-F, 2-Cl-4-$S(O)_2CH_3$-6-F, 2,4-Cl_2-6-F, 2-Cl-4,6-F_2, 2-CF_3-4-CN-6-F, 2-CF_3-4-CF_3-6-F, 2-CF_3-4-$S(O)_2CH_3$-6-F, 2-CF_3-4-Cl-6-F, 2-CF_3-4,6-F_2, 2-CH_3-4-CN-6-F, 2-CH_3-4-CF_3-6-F, 2-CH_3-4-$S(O)_2CH_3$-6-F, 2-CH_3-4-Cl-6-F, 2-CH_3-4,6-F_2, 2-$S(O)_2CH_3$-4-CN-6-F, 2-$S(O)_2CH_3$-4-CF_3-6-F, 2-$S(O)_2CH_3$-4-$S(O)_2CH_3$-6-F, 2-$S(O)_2CH_3$-4-Cl-6-F or 2-$S(O)_2CH_3$-4,6-F_2.

According to another preferred embodiment of the invention the variables R^1, R^2, R^3, R^4 and R^5 together form one of the following substitution patterns on the phenyl ring of compounds of formula I, provided that position 1 is the attachment point of the phenyl ring to the remainder of the molecule:

2,6-Cl_2-3-(3-isoxazolinyl)-4-CN, 2,4,6-Cl_3-3-(3-isoxazolinyl), 2,6-Cl_2-3-(3-isoxazolinyl)-4-F, 2,6-Cl_2-3-(3-isoxazolinyl)-4-CF_3, 2,6-Cl_2-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$, 2-CF_3-3-(3-isoxazolinyl)-4-CN-6-Cl, 2-CF_3-3-(3-isoxazolinyl)-4,6-Cl_2, 2-CF_3-3-(3-isoxazolinyl)-4-CF_3-6-Cl, 2-CF_3-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-Cl, 2-CF_3-3-(3-isoxazolinyl)-4-F-6-Cl, 2-CH_3-3-(3-isoxazolinyl)-4-CN-6-Cl, 2-CH_3-3-(3-isoxazolinyl)-4,6-Cl_2, 2-CH_3-3-(3-isoxazolinyl)-4-CF_3-6-Cl, 2-CH_3-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-Cl, 2-CH_3-3-(3-isoxazolinyl)-4-F-6-Cl, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-CN-6-Cl, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4,6-Cl_2, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-CF_3-6-Cl, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-Cl, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-F-6-Cl, 2-Cl-3-(3-isoxazolinyl)-4-CN-6-F, 2-Cl-3-(3-isoxazolinyl)-4-CF_3-6-F, 2-Cl-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-F, 2,4-Cl_2-3-(3-isoxazolinyl)-6-F, 2-Cl-3-(3-isoxazolinyl)-4,6-F_2, 2-CF_3-3-(3-isoxazolinyl)-4-CN-6-F, 2-CF_3-3-(3-isoxazolinyl)-4-CF_3-6-F, 2-CF_3-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-F, 2-CF_3-3-(3-isoxazolinyl)-4-Cl-6-F, 2-CF_3-3-(3-isoxazolinyl)-4,6-F_2, 2-CH_3-3-(3-isoxazolinyl)-4-CN-6-F, 2-CH_3-3-(3-isoxazolinyl)-4-CF_3-6-F, 2-CH_3-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-F, 2-CH_3-3-(3-isoxazolinyl)-4-Cl-6-F, 2-CH_3-3-(3-isoxazolinyl)-4,6-F_2, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-CN-6-F, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-CF_3-6-F, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-$S(O)_2CH_3$-6-F, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4-Cl-6-F, 2-$S(O)_2CH_3$-3-(3-isoxazolinyl)-4,6-F_2, 2,6-Cl_2-3-(CH_2-O-CH_2CF_3)-4-CN, 2,4,6-Cl_3-3-(3-isoxazolinyl), 2,6-Cl_2-3-(CH_2-O-CH_2CF_3)-4-F, 2,6-Cl_2-3-(CH_2-O-CH_2CF_3)-4-CF_3, 2,6-Cl_2-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-CN-6-Cl, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4,6-Cl_2, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-Cl, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-Cl, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-F-6-Cl, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-CN-6-Cl, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4,6-Cl_2, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-Cl, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-Cl, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-F-6-Cl, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-CN-6-Cl, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4,6-Cl_2, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-Cl,

2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-Cl, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-F-6-Cl, 2-Cl-3-(CH_2-O-CH_2CF_3)-4-CN-6-F, 2-Cl-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-F, 2-Cl-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-F, 2,4-Cl_2-3-(CH_2-O-CH_2CF_3)-6-F, 2-Cl-3-(CH_2-O-CH_2CF_3)-4,6-F_2, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-CN-6-F, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-F, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-F, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4-Cl-6-F, 2-CF_3-3-(CH_2-O-CH_2CF_3)-4,6-F_2, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-CN-6-F, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-F, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-F, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4-Cl-6-F, 2-CH_3-3-(CH_2-O-CH_2CF_3)-4,6-F_2, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-CN-6-F, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-CF_3-6-F, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-$S(O)_2CH_3$-6-F, 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4-Cl-6-F or 2-$S(O)_2CH_3$-3-(CH_2-O-CH_2CF_3)-4,6-F_2.

Examples of preferred compounds I.A, where X is N, are the individual compounds compiled in Tables 1 to 10 below. Moreover, the meanings mentioned below for the individual variables in the Tables are per se, independently of the combination in which they are mentioned, a particularly preferred embodiment of the substituents in question.



I.A

Table 1: compounds of formula I.A (I.A-1.1 - I.A-1.2880) in which R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 2: compounds of formula I.A (I.A-2.1 - I.A-2.2880) in which R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 3: compounds of formula I.A (I.A-3.1 - I.A-3.2880) in which R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 4: compounds of formula I.A (I.A-4.1 - I.A-4.2880) in which R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 5: compounds of formula I.A (I.A-5.1 - I.A-5.2880) in which R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 6: compounds of formula I.A (I.A-6.1 - I.A-6.2880) in which R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 7: compounds of formula I.A (I.A-7.1 - I.A-7.2880) in which R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 8: compounds of formula I.A (I.A-8.1 - I.A-8.2880) in which R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 9: Compounds of formula I.A (I.A-9.1 - I.A-9.2880) in which R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 10: compounds of formula I.A (I.A-10.1 - I.A-10.2880) in which R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table A

	R^1	R^3	R^6	R^7
A-1	Cl	H	CH_3	CH_3
A-2	Cl	H	CH_3	CH_2CH_3
A-3	Cl	H	CH_3	$CH_2CH_2CH_3$
A-4	Cl	H	CH_3	$CH_2CH_2OCH_3$
A-5	Cl	H	CH_3	OCH_3
A-6	Cl	H	CH_2CH_3	CH_3
A-7	Cl	H	CH_2CH_3	CH_2CH_3
A-8	Cl	H	CH_2CH_3	$CH_2CH_2CH_3$
A-9	Cl	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-10	Cl	H	CH_2CH_3	OCH_3
A-11	Cl	H	CH_2OCH_3	CH_3
A-12	Cl	H	CH_2OCH_3	CH_2CH_3
A-13	Cl	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-14	Cl	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-15	Cl	H	CH_2OCH_3	OCH_3
A-16	Cl	H	$CH_2OCH_2CH_3$	CH_3
A-17	Cl	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-18	Cl	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-19	Cl	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-20	Cl	H	$CH_2OCH_2CH_3$	OCH_3
A-21	Cl	H	$CH_2(CO)OCH_3$	CH_3
A-22	Cl	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-23	Cl	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-24	Cl	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-25	Cl	H	$CH_2(CO)OCH_3$	OCH_3

A-26	Cl	H	CH_2CHCH_2	CH_3
A-27	Cl	H	CH_2CHCH_2	CH_2CH_3
A-28	Cl	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-29	Cl	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-30	Cl	H	CH_2CHCH_2	OCH_3
A-31	Cl	H	CH_2CCH	CH_3
A-32	Cl	H	CH_2CCH	CH_2CH_3
A-33	Cl	H	CH_2CCH	$CH_2CH_2CH_3$
A-34	Cl	H	CH_2CCH	$CH_2CH_2OCH_3$
A-35	Cl	H	CH_2CCH	OCH_3
A-36	Cl	H	$CH_2C_6H_5$	CH_3
A-37	Cl	H	$CH_2C_6H_5$	CH_2CH_3
A-38	Cl	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-39	Cl	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-40	Cl	H	$CH_2C_6H_5$	OCH_3
A-41	Cl	F	CH_3	CH_3
A-42	Cl	F	CH_3	CH_2CH_3
A-43	Cl	F	CH_3	$CH_2CH_2CH_3$
A-44	Cl	F	CH_3	$CH_2CH_2OCH_3$
A-45	Cl	F	CH_3	OCH_3
A-46	Cl	F	CH_2CH_3	CH_3
A-47	Cl	F	CH_2CH_3	CH_2CH_3
A-48	Cl	F	CH_2CH_3	$CH_2CH_2CH_3$
A-49	Cl	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-50	Cl	F	CH_2CH_3	OCH_3
A-51	Cl	F	CH_2OCH_3	CH_3
A-52	Cl	F	CH_2OCH_3	CH_2CH_3
A-53	Cl	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-54	Cl	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-55	Cl	F	CH_2OCH_3	OCH_3
A-56	Cl	F	$CH_2OCH_2CH_3$	CH_3
A-57	Cl	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-58	Cl	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-59	Cl	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-60	Cl	F	$CH_2OCH_2CH_3$	OCH_3
A-61	Cl	F	$CH_2(CO)OCH_3$	CH_3

A-62	Cl	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-63	Cl	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-64	Cl	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-65	Cl	F	$CH_2(CO)OCH_3$	OCH_3
A-66	Cl	F	CH_2CHCH_2	CH_3
A-67	Cl	F	CH_2CHCH_2	CH_2CH_3
A-68	Cl	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-69	Cl	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-70	Cl	F	CH_2CHCH_2	OCH_3
A-71	Cl	F	CH_2CCH	CH_3
A-72	Cl	F	CH_2CCH	CH_2CH_3
A-73	Cl	F	CH_2CCH	$CH_2CH_2CH_3$
A-74	Cl	F	CH_2CCH	$CH_2CH_2OCH_3$
A-75	Cl	F	CH_2CCH	OCH_3
A-76	Cl	F	$CH_2C_6H_5$	CH_3
A-77	Cl	F	$CH_2C_6H_5$	CH_2CH_3
A-78	Cl	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-79	Cl	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-80	Cl	F	$CH_2C_6H_5$	OCH_3
A-81	Cl	Cl	CH_3	CH_3
A-82	Cl	Cl	CH_3	CH_2CH_3
A-83	Cl	Cl	CH_3	$CH_2CH_2CH_3$
A-84	Cl	Cl	CH_3	$CH_2CH_2OCH_3$
A-85	Cl	Cl	CH_3	OCH_3
A-86	Cl	Cl	CH_2CH_3	CH_3
A-87	Cl	Cl	CH_2CH_3	CH_2CH_3
A-88	Cl	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-89	Cl	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-90	Cl	Cl	CH_2CH_3	OCH_3
A-91	Cl	Cl	CH_2OCH_3	CH_3
A-92	Cl	Cl	CH_2OCH_3	CH_2CH_3
A-93	Cl	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-94	Cl	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-95	Cl	Cl	CH_2OCH_3	OCH_3
A-96	Cl	Cl	$CH_2OCH_2CH_3$	CH_3
A-97	Cl	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-98	Cl	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-99	Cl	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-100	Cl	Cl	$CH_2OCH_2CH_3$	OCH_3
A-101	Cl	Cl	$CH_2(CO)OCH_3$	CH_3
A-102	Cl	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-103	Cl	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-104	Cl	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-105	Cl	Cl	$CH_2(CO)OCH_3$	OCH_3
A-106	Cl	Cl	CH_2CHCH_2	CH_3
A-107	Cl	Cl	CH_2CHCH_2	CH_2CH_3
A-108	Cl	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-109	Cl	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-110	Cl	Cl	CH_2CHCH_2	OCH_3
A-111	Cl	Cl	CH_2CCH	CH_3
A-112	Cl	Cl	CH_2CCH	CH_2CH_3
A-113	Cl	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-114	Cl	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-115	Cl	Cl	CH_2CCH	OCH_3
A-116	Cl	Cl	$CH_2C_6H_5$	CH_3
A-117	Cl	Cl	$CH_2C_6H_5$	CH_2CH_3
A-118	Cl	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-119	Cl	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-120	Cl	Cl	$CH_2C_6H_5$	OCH_3
A-121	Cl	Br	CH_3	CH_3
A-122	Cl	Br	CH_3	CH_2CH_3
A-123	Cl	Br	CH_3	$CH_2CH_2CH_3$
A-124	Cl	Br	CH_3	$CH_2CH_2OCH_3$
A-125	Cl	Br	CH_3	OCH_3
A-126	Cl	Br	CH_2CH_3	CH_3
A-127	Cl	Br	CH_2CH_3	CH_2CH_3
A-128	Cl	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-129	Cl	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-130	Cl	Br	CH_2CH_3	OCH_3
A-131	Cl	Br	CH_2OCH_3	CH_3
A-132	Cl	Br	CH_2OCH_3	CH_2CH_3
A-133	Cl	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-134	Cl	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-135	Cl	Br	CH_2OCH_3	OCH_3
A-136	Cl	Br	$CH_2OCH_2CH_3$	CH_3
A-137	Cl	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-138	Cl	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-139	Cl	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-140	Cl	Br	$CH_2OCH_2CH_3$	OCH_3
A-141	Cl	Br	$CH_2(CO)OCH_3$	CH_3
A-142	Cl	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-143	Cl	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-144	Cl	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-145	Cl	Br	$CH_2(CO)OCH_3$	OCH_3
A-146	Cl	Br	CH_2CHCH_2	CH_3
A-147	Cl	Br	CH_2CHCH_2	CH_2CH_3
A-148	Cl	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-149	Cl	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-150	Cl	Br	CH_2CHCH_2	OCH_3
A-151	Cl	Br	CH_2CCH	CH_3
A-152	Cl	Br	CH_2CCH	CH_2CH_3
A-153	Cl	Br	CH_2CCH	$CH_2CH_2CH_3$
A-154	Cl	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-155	Cl	Br	CH_2CCH	OCH_3
A-156	Cl	Br	$CH_2C_6H_5$	CH_3
A-157	Cl	Br	$CH_2C_6H_5$	CH_2CH_3
A-158	Cl	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-159	Cl	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-160	Cl	Br	$CH_2C_6H_5$	OCH_3
A-161	Cl	CN	CH_3	CH_3
A-162	Cl	CN	CH_3	CH_2CH_3
A-163	Cl	CN	CH_3	$CH_2CH_2CH_3$
A-164	Cl	CN	CH_3	$CH_2CH_2OCH_3$
A-165	Cl	CN	CH_3	OCH_3
A-166	Cl	CN	CH_2CH_3	CH_3
A-167	Cl	CN	CH_2CH_3	CH_2CH_3
A-168	Cl	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-169	Cl	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-170	Cl	CN	CH_2CH_3	OCH_3
A-171	Cl	CN	CH_2OCH_3	CH_3
A-172	Cl	CN	CH_2OCH_3	CH_2CH_3
A-173	Cl	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-174	Cl	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-175	Cl	CN	CH_2OCH_3	OCH_3
A-176	Cl	CN	$CH_2OCH_2CH_3$	CH_3
A-177	Cl	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-178	Cl	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-179	Cl	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-180	Cl	CN	$CH_2OCH_2CH_3$	OCH_3
A-181	Cl	CN	$CH_2(CO)OCH_3$	CH_3
A-182	Cl	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-183	Cl	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-184	Cl	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-185	Cl	CN	$CH_2(CO)OCH_3$	OCH_3
A-186	Cl	CN	CH_2CHCH_2	CH_3
A-187	Cl	CN	CH_2CHCH_2	CH_2CH_3
A-188	Cl	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-189	Cl	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-190	Cl	CN	CH_2CHCH_2	OCH_3
A-191	Cl	CN	CH_2CCH	CH_3
A-192	Cl	CN	CH_2CCH	CH_2CH_3
A-193	Cl	CN	CH_2CCH	$CH_2CH_2CH_3$
A-194	Cl	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-195	Cl	CN	CH_2CCH	OCH_3
A-196	Cl	CN	$CH_2C_6H_5$	CH_3
A-197	Cl	CN	$CH_2C_6H_5$	CH_2CH_3
A-198	Cl	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-199	Cl	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-200	Cl	CN	$CH_2C_6H_5$	OCH_3
A-201	Cl	CH_3	CH_3	CH_3
A-202	Cl	CH_3	CH_3	CH_2CH_3
A-203	Cl	CH_3	CH_3	$CH_2CH_2CH_3$
A-204	Cl	CH_3	CH_3	$CH_2CH_2OCH_3$
A-205	Cl	CH_3	CH_3	OCH_3

A-206	Cl	CH_3	CH_2CH_3	CH_3
A-207	Cl	CH_3	CH_2CH_3	CH_2CH_3
A-208	Cl	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-209	Cl	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-210	Cl	CH_3	CH_2CH_3	OCH_3
A-211	Cl	CH_3	CH_2OCH_3	CH_3
A-212	Cl	CH_3	CH_2OCH_3	CH_2CH_3
A-213	Cl	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-214	Cl	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-215	Cl	CH_3	CH_2OCH_3	OCH_3
A-216	Cl	CH_3	$CH_2OCH_2CH_3$	CH_3
A-217	Cl	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-218	Cl	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-219	Cl	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-220	Cl	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-221	Cl	CH_3	$CH_2(CO)OCH_3$	CH_3
A-222	Cl	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-223	Cl	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-224	Cl	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-225	Cl	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-226	Cl	CH_3	CH_2CHCH_2	CH_3
A-227	Cl	CH_3	CH_2CHCH_2	CH_2CH_3
A-228	Cl	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-229	Cl	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-230	Cl	CH_3	CH_2CHCH_2	OCH_3
A-231	Cl	CH_3	CH_2CCH	CH_3
A-232	Cl	CH_3	CH_2CCH	CH_2CH_3
A-233	Cl	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-234	Cl	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-235	Cl	CH_3	CH_2CCH	OCH_3
A-236	Cl	CH_3	$CH_2C_6H_5$	CH_3
A-237	Cl	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-238	Cl	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-239	Cl	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-240	Cl	CH_3	$CH_2C_6H_5$	OCH_3
A-241	Cl	CF_3	CH_3	CH_3

A-242	Cl	CF_3	CH_3	CH_2CH_3
A-243	Cl	CF_3	CH_3	$CH_2CH_2CH_3$
A-244	Cl	CF_3	CH_3	$CH_2CH_2OCH_3$
A-245	Cl	CF_3	CH_3	OCH_3
A-246	Cl	CF_3	CH_2CH_3	CH_3
A-247	Cl	CF_3	CH_2CH_3	CH_2CH_3
A-248	Cl	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-249	Cl	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-250	Cl	CF_3	CH_2CH_3	OCH_3
A-251	Cl	CF_3	CH_2OCH_3	CH_3
A-252	Cl	CF_3	CH_2OCH_3	CH_2CH_3
A-253	Cl	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-254	Cl	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-255	Cl	CF_3	CH_2OCH_3	OCH_3
A-256	Cl	CF_3	$CH_2OCH_2CH_3$	CH_3
A-257	Cl	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-258	Cl	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-259	Cl	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-260	Cl	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-261	Cl	CF_3	$CH_2(CO)OCH_3$	CH_3
A-262	Cl	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-263	Cl	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-264	Cl	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-265	Cl	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-266	Cl	CF_3	CH_2CHCH_2	CH_3
A-267	Cl	CF_3	CH_2CHCH_2	CH_2CH_3
A-268	Cl	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-269	Cl	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-270	Cl	CF_3	CH_2CHCH_2	OCH_3
A-271	Cl	CF_3	CH_2CCH	CH_3
A-272	Cl	CF_3	CH_2CCH	CH_2CH_3
A-273	Cl	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-274	Cl	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-275	Cl	CF_3	CH_2CCH	OCH_3
A-276	Cl	CF_3	$CH_2C_6H_5$	CH_3
A-277	Cl	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-278	Cl	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-279	Cl	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-280	Cl	CF_3	$CH_2C_6H_5$	OCH_3
A-281	Cl	SO_2CH_3	CH_3	CH_3
A-282	Cl	SO_2CH_3	CH_3	CH_2CH_3
A-283	Cl	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-284	Cl	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-285	Cl	SO_2CH_3	CH_3	OCH_3
A-286	Cl	SO_2CH_3	CH_2CH_3	CH_3
A-287	Cl	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-288	Cl	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-289	Cl	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-290	Cl	SO_2CH_3	CH_2CH_3	OCH_3
A-291	Cl	SO_2CH_3	CH_2OCH_3	CH_3
A-292	Cl	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-293	Cl	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-294	Cl	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-295	Cl	SO_2CH_3	CH_2OCH_3	OCH_3
A-296	Cl	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-297	Cl	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-298	Cl	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-299	Cl	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-300	Cl	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-301	Cl	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-302	Cl	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-303	Cl	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-304	Cl	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-305	Cl	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-306	Cl	SO_2CH_3	CH_2CHCH_2	CH_3
A-307	Cl	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-308	Cl	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-309	Cl	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-310	Cl	SO_2CH_3	CH_2CHCH_2	OCH_3
A-311	Cl	SO_2CH_3	CH_2CCH	CH_3
A-312	Cl	SO_2CH_3	CH_2CCH	CH_2CH_3
A-313	Cl	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-314	Cl	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-315	Cl	SO_2CH_3	CH_2CCH	OCH_3
A-316	Cl	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-317	Cl	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-318	Cl	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-319	Cl	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-320	Cl	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-321	Cl	NO_2	CH_3	CH_3
A-322	Cl	NO_2	CH_3	CH_2CH_3
A-323	Cl	NO_2	CH_3	$CH_2CH_2CH_3$
A-324	Cl	NO_2	CH_3	$CH_2CH_2OCH_3$
A-325	Cl	NO_2	CH_3	OCH_3
A-326	Cl	NO_2	CH_2CH_3	CH_3
A-327	Cl	NO_2	CH_2CH_3	CH_2CH_3
A-328	Cl	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-329	Cl	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-330	Cl	NO_2	CH_2CH_3	OCH_3
A-331	Cl	NO_2	CH_2OCH_3	CH_3
A-332	Cl	NO_2	CH_2OCH_3	CH_2CH_3
A-333	Cl	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-334	Cl	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-335	Cl	NO_2	CH_2OCH_3	OCH_3
A-336	Cl	NO_2	$CH_2OCH_2CH_3$	CH_3
A-337	Cl	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-338	Cl	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-339	Cl	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-340	Cl	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-341	Cl	NO_2	$CH_2(CO)OCH_3$	CH_3
A-342	Cl	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-343	Cl	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-344	Cl	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-345	Cl	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-346	Cl	NO_2	CH_2CHCH_2	CH_3
A-347	Cl	NO_2	CH_2CHCH_2	CH_2CH_3
A-348	Cl	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-349	Cl	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-350	Cl	NO_2	CH_2CHCH_2	OCH_3
A-351	Cl	NO_2	CH_2CCH	CH_3
A-352	Cl	NO_2	CH_2CCH	CH_2CH_3
A-353	Cl	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-354	Cl	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-355	Cl	NO_2	CH_2CCH	OCH_3
A-356	Cl	NO_2	$CH_2C_6H_5$	CH_3
A-357	Cl	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-358	Cl	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-359	Cl	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-360	Cl	NO_2	$CH_2C_6H_5$	OCH_3
A-361	NO_2	H	CH_3	CH_3
A-362	NO_2	H	CH_3	CH_2CH_3
A-363	NO_2	H	CH_3	$CH_2CH_2CH_3$
A-364	NO_2	H	CH_3	$CH_2CH_2OCH_3$
A-365	NO_2	H	CH_3	OCH_3
A-366	NO_2	H	CH_2CH_3	CH_3
A-367	NO_2	H	CH_2CH_3	CH_2CH_3
A-368	NO_2	H	CH_2CH_3	$CH_2CH_2CH_3$
A-369	NO_2	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-370	NO_2	H	CH_2CH_3	OCH_3
A-371	NO_2	H	CH_2OCH_3	CH_3
A-372	NO_2	H	CH_2OCH_3	CH_2CH_3
A-373	NO_2	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-374	NO_2	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-375	NO_2	H	CH_2OCH_3	OCH_3
A-376	NO_2	H	$CH_2OCH_2CH_3$	CH_3
A-377	NO_2	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-378	NO_2	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-379	NO_2	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-380	NO_2	H	$CH_2OCH_2CH_3$	OCH_3
A-381	NO_2	H	$CH_2(CO)OCH_3$	CH_3
A-382	NO_2	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-383	NO_2	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-384	NO_2	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-385	NO_2	H	$CH_2(CO)OCH_3$	OCH_3

A-386	NO_2	H	CH_2CHCH_2	CH_3
A-387	NO_2	H	CH_2CHCH_2	CH_2CH_3
A-388	NO_2	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-389	NO_2	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-390	NO_2	H	CH_2CHCH_2	OCH_3
A-391	NO_2	H	CH_2CCH	CH_3
A-392	NO_2	H	CH_2CCH	CH_2CH_3
A-393	NO_2	H	CH_2CCH	$CH_2CH_2CH_3$
A-394	NO_2	H	CH_2CCH	$CH_2CH_2OCH_3$
A-395	NO_2	H	CH_2CCH	OCH_3
A-396	NO_2	H	$CH_2C_6H_5$	CH_3
A-397	NO_2	H	$CH_2C_6H_5$	CH_2CH_3
A-398	NO_2	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-399	NO_2	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-400	NO_2	H	$CH_2C_6H_5$	OCH_3
A-401	NO_2	F	CH_3	CH_3
A-402	NO_2	F	CH_3	CH_2CH_3
A-403	NO_2	F	CH_3	$CH_2CH_2CH_3$
A-404	NO_2	F	CH_3	$CH_2CH_2OCH_3$
A-405	NO_2	F	CH_3	OCH_3
A-406	NO_2	F	CH_2CH_3	CH_3
A-407	NO_2	F	CH_2CH_3	CH_2CH_3
A-408	NO_2	F	CH_2CH_3	$CH_2CH_2CH_3$
A-409	NO_2	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-410	NO_2	F	CH_2CH_3	OCH_3
A-411	NO_2	F	CH_2OCH_3	CH_3
A-412	NO_2	F	CH_2OCH_3	CH_2CH_3
A-413	NO_2	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-414	NO_2	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-415	NO_2	F	CH_2OCH_3	OCH_3
A-416	NO_2	F	$CH_2OCH_2CH_3$	CH_3
A-417	NO_2	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-418	NO_2	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-419	NO_2	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-420	NO_2	F	$CH_2OCH_2CH_3$	OCH_3
A-421	NO_2	F	$CH_2(CO)OCH_3$	CH_3

A-422	NO_2	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-423	NO_2	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-424	NO_2	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-425	NO_2	F	$CH_2(CO)OCH_3$	OCH_3
A-426	NO_2	F	CH_2CHCH_2	CH_3
A-427	NO_2	F	CH_2CHCH_2	CH_2CH_3
A-428	NO_2	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-429	NO_2	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-430	NO_2	F	CH_2CHCH_2	OCH_3
A-431	NO_2	F	CH_2CCH	CH_3
A-432	NO_2	F	CH_2CCH	CH_2CH_3
A-433	NO_2	F	CH_2CCH	$CH_2CH_2CH_3$
A-434	NO_2	F	CH_2CCH	$CH_2CH_2OCH_3$
A-435	NO_2	F	CH_2CCH	OCH_3
A-436	NO_2	F	$CH_2C_6H_5$	CH_3
A-437	NO_2	F	$CH_2C_6H_5$	CH_2CH_3
A-438	NO_2	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-439	NO_2	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-440	NO_2	F	$CH_2C_6H_5$	OCH_3
A-441	NO_2	Cl	CH_3	CH_3
A-442	NO_2	Cl	CH_3	CH_2CH_3
A-443	NO_2	Cl	CH_3	$CH_2CH_2CH_3$
A-444	NO_2	Cl	CH_3	$CH_2CH_2OCH_3$
A-445	NO_2	Cl	CH_3	OCH_3
A-446	NO_2	Cl	CH_2CH_3	CH_3
A-447	NO_2	Cl	CH_2CH_3	CH_2CH_3
A-448	NO_2	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-449	NO_2	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-450	NO_2	Cl	CH_2CH_3	OCH_3
A-451	NO_2	Cl	CH_2OCH_3	CH_3
A-452	NO_2	Cl	CH_2OCH_3	CH_2CH_3
A-453	NO_2	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-454	NO_2	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-455	NO_2	Cl	CH_2OCH_3	OCH_3
A-456	NO_2	Cl	$CH_2OCH_2CH_3$	CH_3
A-457	NO_2	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-458	NO_2	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-459	NO_2	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-460	NO_2	Cl	$CH_2OCH_2CH_3$	OCH_3
A-461	NO_2	Cl	$CH_2(CO)OCH_3$	CH_3
A-462	NO_2	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-463	NO_2	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-464	NO_2	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-465	NO_2	Cl	$CH_2(CO)OCH_3$	OCH_3
A-466	NO_2	Cl	CH_2CHCH_2	CH_3
A-467	NO_2	Cl	CH_2CHCH_2	CH_2CH_3
A-468	NO_2	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-469	NO_2	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-470	NO_2	Cl	CH_2CHCH_2	OCH_3
A-471	NO_2	Cl	CH_2CCH	CH_3
A-472	NO_2	Cl	CH_2CCH	CH_2CH_3
A-473	NO_2	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-474	NO_2	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-475	NO_2	Cl	CH_2CCH	OCH_3
A-476	NO_2	Cl	$CH_2C_6H_5$	CH_3
A-477	NO_2	Cl	$CH_2C_6H_5$	CH_2CH_3
A-478	NO_2	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-479	NO_2	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-480	NO_2	Cl	$CH_2C_6H_5$	OCH_3
A-481	NO_2	Br	CH_3	CH_3
A-482	NO_2	Br	CH_3	CH_2CH_3
A-483	NO_2	Br	CH_3	$CH_2CH_2CH_3$
A-484	NO_2	Br	CH_3	$CH_2CH_2OCH_3$
A-485	NO_2	Br	CH_3	OCH_3
A-486	NO_2	Br	CH_2CH_3	CH_3
A-487	NO_2	Br	CH_2CH_3	CH_2CH_3
A-488	NO_2	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-489	NO_2	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-490	NO_2	Br	CH_2CH_3	OCH_3
A-491	NO_2	Br	CH_2OCH_3	CH_3
A-492	NO_2	Br	CH_2OCH_3	CH_2CH_3
A-493	NO_2	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-494	NO_2	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-495	NO_2	Br	CH_2OCH_3	OCH_3
A-496	NO_2	Br	$CH_2OCH_2CH_3$	CH_3
A-497	NO_2	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-498	NO_2	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-499	NO_2	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-500	NO_2	Br	$CH_2OCH_2CH_3$	OCH_3
A-501	NO_2	Br	$CH_2(CO)OCH_3$	CH_3
A-502	NO_2	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-503	NO_2	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-504	NO_2	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-505	NO_2	Br	$CH_2(CO)OCH_3$	OCH_3
A-506	NO_2	Br	CH_2CHCH_2	CH_3
A-507	NO_2	Br	CH_2CHCH_2	CH_2CH_3
A-508	NO_2	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-509	NO_2	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-510	NO_2	Br	CH_2CHCH_2	OCH_3
A-511	NO_2	Br	CH_2CCH	CH_3
A-512	NO_2	Br	CH_2CCH	CH_2CH_3
A-513	NO_2	Br	CH_2CCH	$CH_2CH_2CH_3$
A-514	NO_2	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-515	NO_2	Br	CH_2CCH	OCH_3
A-516	NO_2	Br	$CH_2C_6H_5$	CH_3
A-517	NO_2	Br	$CH_2C_6H_5$	CH_2CH_3
A-518	NO_2	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-519	NO_2	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-520	NO_2	Br	$CH_2C_6H_5$	OCH_3
A-521	NO_2	CN	CH_3	CH_3
A-522	NO_2	CN	CH_3	CH_2CH_3
A-523	NO_2	CN	CH_3	$CH_2CH_2CH_3$
A-524	NO_2	CN	CH_3	$CH_2CH_2OCH_3$
A-525	NO_2	CN	CH_3	OCH_3
A-526	NO_2	CN	CH_2CH_3	CH_3
A-527	NO_2	CN	CH_2CH_3	CH_2CH_3
A-528	NO_2	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-529	NO_2	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-530	NO_2	CN	CH_2CH_3	OCH_3
A-531	NO_2	CN	CH_2OCH_3	CH_3
A-532	NO_2	CN	CH_2OCH_3	CH_2CH_3
A-533	NO_2	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-534	NO_2	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-535	NO_2	CN	CH_2OCH_3	OCH_3
A-536	NO_2	CN	$CH_2OCH_2CH_3$	CH_3
A-537	NO_2	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-538	NO_2	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-539	NO_2	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-540	NO_2	CN	$CH_2OCH_2CH_3$	OCH_3
A-541	NO_2	CN	$CH_2(CO)OCH_3$	CH_3
A-542	NO_2	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-543	NO_2	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-544	NO_2	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-545	NO_2	CN	$CH_2(CO)OCH_3$	OCH_3
A-546	NO_2	CN	CH_2CHCH_2	CH_3
A-547	NO_2	CN	CH_2CHCH_2	CH_2CH_3
A-548	NO_2	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-549	NO_2	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-550	NO_2	CN	CH_2CHCH_2	OCH_3
A-551	NO_2	CN	CH_2CCH	CH_3
A-552	NO_2	CN	CH_2CCH	CH_2CH_3
A-553	NO_2	CN	CH_2CCH	$CH_2CH_2CH_3$
A-554	NO_2	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-555	NO_2	CN	CH_2CCH	OCH_3
A-556	NO_2	CN	$CH_2C_6H_5$	CH_3
A-557	NO_2	CN	$CH_2C_6H_5$	CH_2CH_3
A-558	NO_2	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-559	NO_2	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-560	NO_2	CN	$CH_2C_6H_5$	OCH_3
A-561	NO_2	CH_3	CH_3	CH_3
A-562	NO_2	CH_3	CH_3	CH_2CH_3
A-563	NO_2	CH_3	CH_3	$CH_2CH_2CH_3$
A-564	NO_2	CH_3	CH_3	$CH_2CH_2OCH_3$
A-565	NO_2	CH_3	CH_3	OCH_3

A-566	NO_2	CH_3	CH_2CH_3	CH_3
A-567	NO_2	CH_3	CH_2CH_3	CH_2CH_3
A-568	NO_2	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-569	NO_2	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-570	NO_2	CH_3	CH_2CH_3	OCH_3
A-571	NO_2	CH_3	CH_2OCH_3	CH_3
A-572	NO_2	CH_3	CH_2OCH_3	CH_2CH_3
A-573	NO_2	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-574	NO_2	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-575	NO_2	CH_3	CH_2OCH_3	OCH_3
A-576	NO_2	CH_3	$CH_2OCH_2CH_3$	CH_3
A-577	NO_2	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-578	NO_2	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-579	NO_2	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-580	NO_2	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-581	NO_2	CH_3	$CH_2(CO)OCH_3$	CH_3
A-582	NO_2	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-583	NO_2	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-584	NO_2	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-585	NO_2	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-586	NO_2	CH_3	CH_2CHCH_2	CH_3
A-587	NO_2	CH_3	CH_2CHCH_2	CH_2CH_3
A-588	NO_2	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-589	NO_2	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-590	NO_2	CH_3	CH_2CHCH_2	OCH_3
A-591	NO_2	CH_3	CH_2CCH	CH_3
A-592	NO_2	CH_3	CH_2CCH	CH_2CH_3
A-593	NO_2	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-594	NO_2	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-595	NO_2	CH_3	CH_2CCH	OCH_3
A-596	NO_2	CH_3	$CH_2C_6H_5$	CH_3
A-597	NO_2	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-598	NO_2	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-599	NO_2	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-600	NO_2	CH_3	$CH_2C_6H_5$	OCH_3
A-601	NO_2	CF_3	CH_3	CH_3

A-602	NO_2	CF_3	CH_3	CH_2CH_3
A-603	NO_2	CF_3	CH_3	$CH_2CH_2CH_3$
A-604	NO_2	CF_3	CH_3	$CH_2CH_2OCH_3$
A-605	NO_2	CF_3	CH_3	OCH_3
A-606	NO_2	CF_3	CH_2CH_3	CH_3
A-607	NO_2	CF_3	CH_2CH_3	CH_2CH_3
A-608	NO_2	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-609	NO_2	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-610	NO_2	CF_3	CH_2CH_3	OCH_3
A-611	NO_2	CF_3	CH_2OCH_3	CH_3
A-612	NO_2	CF_3	CH_2OCH_3	CH_2CH_3
A-613	NO_2	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-614	NO_2	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-615	NO_2	CF_3	CH_2OCH_3	OCH_3
A-616	NO_2	CF_3	$CH_2OCH_2CH_3$	CH_3
A-617	NO_2	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-618	NO_2	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-619	NO_2	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-620	NO_2	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-621	NO_2	CF_3	$CH_2(CO)OCH_3$	CH_3
A-622	NO_2	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-623	NO_2	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-624	NO_2	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-625	NO_2	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-626	NO_2	CF_3	CH_2CHCH_2	CH_3
A-627	NO_2	CF_3	CH_2CHCH_2	CH_2CH_3
A-628	NO_2	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-629	NO_2	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-630	NO_2	CF_3	CH_2CHCH_2	OCH_3
A-631	NO_2	CF_3	CH_2CCH	CH_3
A-632	NO_2	CF_3	CH_2CCH	CH_2CH_3
A-633	NO_2	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-634	NO_2	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-635	NO_2	CF_3	CH_2CCH	OCH_3
A-636	NO_2	CF_3	$CH_2C_6H_5$	CH_3
A-637	NO_2	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-638	NO_2	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-639	NO_2	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-640	NO_2	CF_3	$CH_2C_6H_5$	OCH_3
A-641	NO_2	SO_2CH_3	CH_3	CH_3
A-642	NO_2	SO_2CH_3	CH_3	CH_2CH_3
A-643	NO_2	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-644	NO_2	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-645	NO_2	SO_2CH_3	CH_3	OCH_3
A-646	NO_2	SO_2CH_3	CH_2CH_3	CH_3
A-647	NO_2	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-648	NO_2	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-649	NO_2	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-650	NO_2	SO_2CH_3	CH_2CH_3	OCH_3
A-651	NO_2	SO_2CH_3	CH_2OCH_3	CH_3
A-652	NO_2	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-653	NO_2	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-654	NO_2	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-655	NO_2	SO_2CH_3	CH_2OCH_3	OCH_3
A-656	NO_2	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-657	NO_2	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-658	NO_2	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-659	NO_2	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-660	NO_2	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-661	NO_2	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-662	NO_2	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-663	NO_2	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-664	NO_2	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-665	NO_2	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-666	NO_2	SO_2CH_3	CH_2CHCH_2	CH_3
A-667	NO_2	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-668	NO_2	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-669	NO_2	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-670	NO_2	SO_2CH_3	CH_2CHCH_2	OCH_3
A-671	NO_2	SO_2CH_3	CH_2CCH	CH_3
A-672	NO_2	SO_2CH_3	CH_2CCH	CH_2CH_3
A-673	NO_2	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-674	NO_2	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-675	NO_2	SO_2CH_3	CH_2CCH	OCH_3
A-676	NO_2	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-677	NO_2	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-678	NO_2	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-679	NO_2	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-680	NO_2	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-681	NO_2	NO_2	CH_3	CH_3
A-682	NO_2	NO_2	CH_3	CH_2CH_3
A-683	NO_2	NO_2	CH_3	$CH_2CH_2CH_3$
A-684	NO_2	NO_2	CH_3	$CH_2CH_2OCH_3$
A-685	NO_2	NO_2	CH_3	OCH_3
A-686	NO_2	NO_2	CH_2CH_3	CH_3
A-687	NO_2	NO_2	CH_2CH_3	CH_2CH_3
A-688	NO_2	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-689	NO_2	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-690	NO_2	NO_2	CH_2CH_3	OCH_3
A-691	NO_2	NO_2	CH_2OCH_3	CH_3
A-692	NO_2	NO_2	CH_2OCH_3	CH_2CH_3
A-693	NO_2	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-694	NO_2	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-695	NO_2	NO_2	CH_2OCH_3	OCH_3
A-696	NO_2	NO_2	$CH_2OCH_2CH_3$	CH_3
A-697	NO_2	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-698	NO_2	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-699	NO_2	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-700	NO_2	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-701	NO_2	NO_2	$CH_2(CO)OCH_3$	CH_3
A-702	NO_2	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-703	NO_2	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-704	NO_2	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-705	NO_2	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-706	NO_2	NO_2	CH_2CHCH_2	CH_3
A-707	NO_2	NO_2	CH_2CHCH_2	CH_2CH_3
A-708	NO_2	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-709	NO_2	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-710	NO_2	NO_2	CH_2CHCH_2	OCH_3
A-711	NO_2	NO_2	CH_2CCH	CH_3
A-712	NO_2	NO_2	CH_2CCH	CH_2CH_3
A-713	NO_2	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-714	NO_2	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-715	NO_2	NO_2	CH_2CCH	OCH_3
A-716	NO_2	NO_2	$CH_2C_6H_5$	CH_3
A-717	NO_2	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-718	NO_2	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-719	NO_2	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-720	NO_2	NO_2	$CH_2C_6H_5$	OCH_3
A-721	CH_3	H	CH_3	CH_3
A-722	CH_3	H	CH_3	CH_2CH_3
A-723	CH_3	H	CH_3	$CH_2CH_2CH_3$
A-724	CH_3	H	CH_3	$CH_2CH_2OCH_3$
A-725	CH_3	H	CH_3	OCH_3
A-726	CH_3	H	CH_2CH_3	CH_3
A-727	CH_3	H	CH_2CH_3	CH_2CH_3
A-728	CH_3	H	CH_2CH_3	$CH_2CH_2CH_3$
A-729	CH_3	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-730	CH_3	H	CH_2CH_3	OCH_3
A-731	CH_3	H	CH_2OCH_3	CH_3
A-732	CH_3	H	CH_2OCH_3	CH_2CH_3
A-733	CH_3	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-734	CH_3	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-735	CH_3	H	CH_2OCH_3	OCH_3
A-736	CH_3	H	$CH_2OCH_2CH_3$	CH_3
A-737	CH_3	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-738	CH_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-739	CH_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-740	CH_3	H	$CH_2OCH_2CH_3$	OCH_3
A-741	CH_3	H	$CH_2(CO)OCH_3$	CH_3
A-742	CH_3	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-743	CH_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-744	CH_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-745	CH_3	H	$CH_2(CO)OCH_3$	OCH_3

A-746	CH_3	H	CH_2CHCH_2	CH_3
A-747	CH_3	H	CH_2CHCH_2	CH_2CH_3
A-748	CH_3	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-749	CH_3	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-750	CH_3	H	CH_2CHCH_2	OCH_3
A-751	CH_3	H	CH_2CCH	CH_3
A-752	CH_3	H	CH_2CCH	CH_2CH_3
A-753	CH_3	H	CH_2CCH	$CH_2CH_2CH_3$
A-754	CH_3	H	CH_2CCH	$CH_2CH_2OCH_3$
A-755	CH_3	H	CH_2CCH	OCH_3
A-756	CH_3	H	$CH_2C_6H_5$	CH_3
A-757	CH_3	H	$CH_2C_6H_5$	CH_2CH_3
A-758	CH_3	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-759	CH_3	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-760	CH_3	H	$CH_2C_6H_5$	OCH_3
A-761	CH_3	F	CH_3	CH_3
A-762	CH_3	F	CH_3	CH_2CH_3
A-763	CH_3	F	CH_3	$CH_2CH_2CH_3$
A-764	CH_3	F	CH_3	$CH_2CH_2OCH_3$
A-765	CH_3	F	CH_3	OCH_3
A-766	CH_3	F	CH_2CH_3	CH_3
A-767	CH_3	F	CH_2CH_3	CH_2CH_3
A-768	CH_3	F	CH_2CH_3	$CH_2CH_2CH_3$
A-769	CH_3	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-770	CH_3	F	CH_2CH_3	OCH_3
A-771	CH_3	F	CH_2OCH_3	CH_3
A-772	CH_3	F	CH_2OCH_3	CH_2CH_3
A-773	CH_3	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-774	CH_3	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-775	CH_3	F	CH_2OCH_3	OCH_3
A-776	CH_3	F	$CH_2OCH_2CH_3$	CH_3
A-777	CH_3	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-778	CH_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-779	CH_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-780	CH_3	F	$CH_2OCH_2CH_3$	OCH_3
A-781	CH_3	F	$CH_2(CO)OCH_3$	CH_3

A-782	CH_3	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-783	CH_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-784	CH_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-785	CH_3	F	$CH_2(CO)OCH_3$	OCH_3
A-786	CH_3	F	CH_2CHCH_2	CH_3
A-787	CH_3	F	CH_2CHCH_2	CH_2CH_3
A-788	CH_3	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-789	CH_3	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-790	CH_3	F	CH_2CHCH_2	OCH_3
A-791	CH_3	F	CH_2CCH	CH_3
A-792	CH_3	F	CH_2CCH	CH_2CH_3
A-793	CH_3	F	CH_2CCH	$CH_2CH_2CH_3$
A-794	CH_3	F	CH_2CCH	$CH_2CH_2OCH_3$
A-795	CH_3	F	CH_2CCH	OCH_3
A-796	CH_3	F	$CH_2C_6H_5$	CH_3
A-797	CH_3	F	$CH_2C_6H_5$	CH_2CH_3
A-798	CH_3	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-799	CH_3	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-800	CH_3	F	$CH_2C_6H_5$	OCH_3
A-801	CH_3	Cl	CH_3	CH_3
A-802	CH_3	Cl	CH_3	CH_2CH_3
A-803	CH_3	Cl	CH_3	$CH_2CH_2CH_3$
A-804	CH_3	Cl	CH_3	$CH_2CH_2OCH_3$
A-805	CH_3	Cl	CH_3	OCH_3
A-806	CH_3	Cl	CH_2CH_3	CH_3
A-807	CH_3	Cl	CH_2CH_3	CH_2CH_3
A-808	CH_3	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-809	CH_3	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-810	CH_3	Cl	CH_2CH_3	OCH_3
A-811	CH_3	Cl	CH_2OCH_3	CH_3
A-812	CH_3	Cl	CH_2OCH_3	CH_2CH_3
A-813	CH_3	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-814	CH_3	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-815	CH_3	Cl	CH_2OCH_3	OCH_3
A-816	CH_3	Cl	$CH_2OCH_2CH_3$	CH_3
A-817	CH_3	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-818	CH_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-819	CH_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-820	CH_3	Cl	$CH_2OCH_2CH_3$	OCH_3
A-821	CH_3	Cl	$CH_2(CO)OCH_3$	CH_3
A-822	CH_3	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-823	CH_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-824	CH_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-825	CH_3	Cl	$CH_2(CO)OCH_3$	OCH_3
A-826	CH_3	Cl	CH_2CHCH_2	CH_3
A-827	CH_3	Cl	CH_2CHCH_2	CH_2CH_3
A-828	CH_3	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-829	CH_3	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-830	CH_3	Cl	CH_2CHCH_2	OCH_3
A-831	CH_3	Cl	CH_2CCH	CH_3
A-832	CH_3	Cl	CH_2CCH	CH_2CH_3
A-833	CH_3	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-834	CH_3	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-835	CH_3	Cl	CH_2CCH	OCH_3
A-836	CH_3	Cl	$CH_2C_6H_5$	CH_3
A-837	CH_3	Cl	$CH_2C_6H_5$	CH_2CH_3
A-838	CH_3	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-839	CH_3	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-840	CH_3	Cl	$CH_2C_6H_5$	OCH_3
A-841	CH_3	Br	CH_3	CH_3
A-842	CH_3	Br	CH_3	CH_2CH_3
A-843	CH_3	Br	CH_3	$CH_2CH_2CH_3$
A-844	CH_3	Br	CH_3	$CH_2CH_2OCH_3$
A-845	CH_3	Br	CH_3	OCH_3
A-846	CH_3	Br	CH_2CH_3	CH_3
A-847	CH_3	Br	CH_2CH_3	CH_2CH_3
A-848	CH_3	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-849	CH_3	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-850	CH_3	Br	CH_2CH_3	OCH_3
A-851	CH_3	Br	CH_2OCH_3	CH_3
A-852	CH_3	Br	CH_2OCH_3	CH_2CH_3
A-853	CH_3	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-854	CH_3	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-855	CH_3	Br	CH_2OCH_3	OCH_3
A-856	CH_3	Br	$CH_2OCH_2CH_3$	CH_3
A-857	CH_3	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-858	CH_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-859	CH_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-860	CH_3	Br	$CH_2OCH_2CH_3$	OCH_3
A-861	CH_3	Br	$CH_2(CO)OCH_3$	CH_3
A-862	CH_3	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-863	CH_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-864	CH_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-865	CH_3	Br	$CH_2(CO)OCH_3$	OCH_3
A-866	CH_3	Br	CH_2CHCH_2	CH_3
A-867	CH_3	Br	CH_2CHCH_2	CH_2CH_3
A-868	CH_3	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-869	CH_3	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-870	CH_3	Br	CH_2CHCH_2	OCH_3
A-871	CH_3	Br	CH_2CCH	CH_3
A-872	CH_3	Br	CH_2CCH	CH_2CH_3
A-873	CH_3	Br	CH_2CCH	$CH_2CH_2CH_3$
A-874	CH_3	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-875	CH_3	Br	CH_2CCH	OCH_3
A-876	CH_3	Br	$CH_2C_6H_5$	CH_3
A-877	CH_3	Br	$CH_2C_6H_5$	CH_2CH_3
A-878	CH_3	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-879	CH_3	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-880	CH_3	Br	$CH_2C_6H_5$	OCH_3
A-881	CH_3	CN	CH_3	CH_3
A-882	CH_3	CN	CH_3	CH_2CH_3
A-883	CH_3	CN	CH_3	$CH_2CH_2CH_3$
A-884	CH_3	CN	CH_3	$CH_2CH_2OCH_3$
A-885	CH_3	CN	CH_3	OCH_3
A-886	CH_3	CN	CH_2CH_3	CH_3
A-887	CH_3	CN	CH_2CH_3	CH_2CH_3
A-888	CH_3	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-889	CH_3	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-890	CH_3	CN	CH_2CH_3	OCH_3
A-891	CH_3	CN	CH_2OCH_3	CH_3
A-892	CH_3	CN	CH_2OCH_3	CH_2CH_3
A-893	CH_3	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-894	CH_3	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-895	CH_3	CN	CH_2OCH_3	OCH_3
A-896	CH_3	CN	$CH_2OCH_2CH_3$	CH_3
A-897	CH_3	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-898	CH_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-899	CH_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-900	CH_3	CN	$CH_2OCH_2CH_3$	OCH_3
A-901	CH_3	CN	$CH_2(CO)OCH_3$	CH_3
A-902	CH_3	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-903	CH_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-904	CH_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-905	CH_3	CN	$CH_2(CO)OCH_3$	OCH_3
A-906	CH_3	CN	CH_2CHCH_2	CH_3
A-907	CH_3	CN	CH_2CHCH_2	CH_2CH_3
A-908	CH_3	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-909	CH_3	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-910	CH_3	CN	CH_2CHCH_2	OCH_3
A-911	CH_3	CN	CH_2CCH	CH_3
A-912	CH_3	CN	CH_2CCH	CH_2CH_3
A-913	CH_3	CN	CH_2CCH	$CH_2CH_2CH_3$
A-914	CH_3	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-915	CH_3	CN	CH_2CCH	OCH_3
A-916	CH_3	CN	$CH_2C_6H_5$	CH_3
A-917	CH_3	CN	$CH_2C_6H_5$	CH_2CH_3
A-918	CH_3	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-919	CH_3	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-920	CH_3	CN	$CH_2C_6H_5$	OCH_3
A-921	CH_3	CH_3	CH_3	CH_3
A-922	CH_3	CH_3	CH_3	CH_2CH_3
A-923	CH_3	CH_3	CH_3	$CH_2CH_2CH_3$
A-924	CH_3	CH_3	CH_3	$CH_2CH_2OCH_3$
A-925	CH_3	CH_3	CH_3	OCH_3

A-926	CH_3	CH_3	CH_2CH_3	CH_3
A-927	CH_3	CH_3	CH_2CH_3	CH_2CH_3
A-928	CH_3	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-929	CH_3	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-930	CH_3	CH_3	CH_2CH_3	OCH_3
A-931	CH_3	CH_3	CH_2OCH_3	CH_3
A-932	CH_3	CH_3	CH_2OCH_3	CH_2CH_3
A-933	CH_3	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-934	CH_3	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-935	CH_3	CH_3	CH_2OCH_3	OCH_3
A-936	CH_3	CH_3	$CH_2OCH_2CH_3$	CH_3
A-937	CH_3	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-938	CH_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-939	CH_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-940	CH_3	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-941	CH_3	CH_3	$CH_2(CO)OCH_3$	CH_3
A-942	CH_3	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-943	CH_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-944	CH_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-945	CH_3	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-946	CH_3	CH_3	CH_2CHCH_2	CH_3
A-947	CH_3	CH_3	CH_2CHCH_2	CH_2CH_3
A-948	CH_3	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-949	CH_3	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-950	CH_3	CH_3	CH_2CHCH_2	OCH_3
A-951	CH_3	CH_3	CH_2CCH	CH_3
A-952	CH_3	CH_3	CH_2CCH	CH_2CH_3
A-953	CH_3	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-954	CH_3	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-955	CH_3	CH_3	CH_2CCH	OCH_3
A-956	CH_3	CH_3	$CH_2C_6H_5$	CH_3
A-957	CH_3	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-958	CH_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-959	CH_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-960	CH_3	CH_3	$CH_2C_6H_5$	OCH_3
A-961	CH_3	CF_3	CH_3	CH_3

A-962	CH_3	CF_3	CH_3	CH_2CH_3
A-963	CH_3	CF_3	CH_3	$CH_2CH_2CH_3$
A-964	CH_3	CF_3	CH_3	$CH_2CH_2OCH_3$
A-965	CH_3	CF_3	CH_3	OCH_3
A-966	CH_3	CF_3	CH_2CH_3	CH_3
A-967	CH_3	CF_3	CH_2CH_3	CH_2CH_3
A-968	CH_3	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-969	CH_3	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-970	CH_3	CF_3	CH_2CH_3	OCH_3
A-971	CH_3	CF_3	CH_2OCH_3	CH_3
A-972	CH_3	CF_3	CH_2OCH_3	CH_2CH_3
A-973	CH_3	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-974	CH_3	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-975	CH_3	CF_3	CH_2OCH_3	OCH_3
A-976	CH_3	CF_3	$CH_2OCH_2CH_3$	CH_3
A-977	CH_3	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-978	CH_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-979	CH_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-980	CH_3	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-981	CH_3	CF_3	$CH_2(CO)OCH_3$	CH_3
A-982	CH_3	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-983	CH_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-984	CH_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-985	CH_3	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-986	CH_3	CF_3	CH_2CHCH_2	CH_3
A-987	CH_3	CF_3	CH_2CHCH_2	CH_2CH_3
A-988	CH_3	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-989	CH_3	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-990	CH_3	CF_3	CH_2CHCH_2	OCH_3
A-991	CH_3	CF_3	CH_2CCH	CH_3
A-992	CH_3	CF_3	CH_2CCH	CH_2CH_3
A-993	CH_3	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-994	CH_3	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-995	CH_3	CF_3	CH_2CCH	OCH_3
A-996	CH_3	CF_3	$CH_2C_6H_5$	CH_3
A-997	CH_3	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-998	CH_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-999	CH_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1000	CH_3	CF_3	$CH_2C_6H_5$	OCH_3
A-1001	CH_3	SO_2CH_3	CH_3	CH_3
A-1002	CH_3	SO_2CH_3	CH_3	CH_2CH_3
A-1003	CH_3	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-1004	CH_3	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-1005	CH_3	SO_2CH_3	CH_3	OCH_3
A-1006	CH_3	SO_2CH_3	CH_2CH_3	CH_3
A-1007	CH_3	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-1008	CH_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1009	CH_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1010	CH_3	SO_2CH_3	CH_2CH_3	OCH_3
A-1011	CH_3	SO_2CH_3	CH_2OCH_3	CH_3
A-1012	CH_3	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-1013	CH_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1014	CH_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1015	CH_3	SO_2CH_3	CH_2OCH_3	OCH_3
A-1016	CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-1017	CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1018	CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1019	CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1020	CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-1021	CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-1022	CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1023	CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1024	CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1025	CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-1026	CH_3	SO_2CH_3	CH_2CHCH_2	CH_3
A-1027	CH_3	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-1028	CH_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1029	CH_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1030	CH_3	SO_2CH_3	CH_2CHCH_2	OCH_3
A-1031	CH_3	SO_2CH_3	CH_2CCH	CH_3
A-1032	CH_3	SO_2CH_3	CH_2CCH	CH_2CH_3
A-1033	CH_3	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-1034	CH_3	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1035	CH_3	SO_2CH_3	CH_2CCH	OCH_3
A-1036	CH_3	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-1037	CH_3	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-1038	CH_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1039	CH_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1040	CH_3	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-1041	CH_3	NO_2	CH_3	CH_3
A-1042	CH_3	NO_2	CH_3	CH_2CH_3
A-1043	CH_3	NO_2	CH_3	$CH_2CH_2CH_3$
A-1044	CH_3	NO_2	CH_3	$CH_2CH_2OCH_3$
A-1045	CH_3	NO_2	CH_3	OCH_3
A-1046	CH_3	NO_2	CH_2CH_3	CH_3
A-1047	CH_3	NO_2	CH_2CH_3	CH_2CH_3
A-1048	CH_3	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-1049	CH_3	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-1050	CH_3	NO_2	CH_2CH_3	OCH_3
A-1051	CH_3	NO_2	CH_2OCH_3	CH_3
A-1052	CH_3	NO_2	CH_2OCH_3	CH_2CH_3
A-1053	CH_3	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-1054	CH_3	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1055	CH_3	NO_2	CH_2OCH_3	OCH_3
A-1056	CH_3	NO_2	$CH_2OCH_2CH_3$	CH_3
A-1057	CH_3	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-1058	CH_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1059	CH_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1060	CH_3	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-1061	CH_3	NO_2	$CH_2(CO)OCH_3$	CH_3
A-1062	CH_3	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-1063	CH_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1064	CH_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1065	CH_3	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-1066	CH_3	NO_2	CH_2CHCH_2	CH_3
A-1067	CH_3	NO_2	CH_2CHCH_2	CH_2CH_3
A-1068	CH_3	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1069	CH_3	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-1070	CH_3	NO_2	CH_2CHCH_2	OCH_3
A-1071	CH_3	NO_2	CH_2CCH	CH_3
A-1072	CH_3	NO_2	CH_2CCH	CH_2CH_3
A-1073	CH_3	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-1074	CH_3	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-1075	CH_3	NO_2	CH_2CCH	OCH_3
A-1076	CH_3	NO_2	$CH_2C_6H_5$	CH_3
A-1077	CH_3	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-1078	CH_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1079	CH_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1080	CH_3	NO_2	$CH_2C_6H_5$	OCH_3
A-1081	cyclopropyl	H	CH_3	CH_3
A-1082	cyclopropyl	H	CH_3	CH_2CH_3
A-1083	cyclopropyl	H	CH_3	$CH_2CH_2CH_3$
A-1084	cyclopropyl	H	CH_3	$CH_2CH_2OCH_3$
A-1085	cyclopropyl	H	CH_3	OCH_3
A-1086	cyclopropyl	H	CH_2CH_3	CH_3
A-1087	cyclopropyl	H	CH_2CH_3	CH_2CH_3
A-1088	cyclopropyl	H	CH_2CH_3	$CH_2CH_2CH_3$
A-1089	cyclopropyl	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-1090	cyclopropyl	H	CH_2CH_3	OCH_3
A-1091	cyclopropyl	H	CH_2OCH_3	CH_3
A-1092	cyclopropyl	H	CH_2OCH_3	CH_2CH_3
A-1093	cyclopropyl	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-1094	cyclopropyl	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1095	cyclopropyl	H	CH_2OCH_3	OCH_3
A-1096	cyclopropyl	H	$CH_2OCH_2CH_3$	CH_3
A-1097	cyclopropyl	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-1098	cyclopropyl	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1099	cyclopropyl	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1100	cyclopropyl	H	$CH_2OCH_2CH_3$	OCH_3
A-1101	cyclopropyl	H	$CH_2(CO)OCH_3$	CH_3
A-1102	cyclopropyl	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-1103	cyclopropyl	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1104	cyclopropyl	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1105	cyclopropyl	H	$CH_2(CO)OCH_3$	OCH_3

A-1106	cyclopropyl	H	CH_2CHCH_2	CH_3
A-1107	cyclopropyl	H	CH_2CHCH_2	CH_2CH_3
A-1108	cyclopropyl	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1109	cyclopropyl	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1110	cyclopropyl	H	CH_2CHCH_2	OCH_3
A-1111	cyclopropyl	H	CH_2CCH	CH_3
A-1112	cyclopropyl	H	CH_2CCH	CH_2CH_3
A-1113	cyclopropyl	H	CH_2CCH	$CH_2CH_2CH_3$
A-1114	cyclopropyl	H	CH_2CCH	$CH_2CH_2OCH_3$
A-1115	cyclopropyl	H	CH_2CCH	OCH_3
A-1116	cyclopropyl	H	$CH_2C_6H_5$	CH_3
A-1117	cyclopropyl	H	$CH_2C_6H_5$	CH_2CH_3
A-1118	cyclopropyl	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1119	cyclopropyl	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1120	cyclopropyl	H	$CH_2C_6H_5$	OCH_3
A-1121	cyclopropyl	F	CH_3	CH_3
A-1122	cyclopropyl	F	CH_3	CH_2CH_3
A-1123	cyclopropyl	F	CH_3	$CH_2CH_2CH_3$
A-1124	cyclopropyl	F	CH_3	$CH_2CH_2OCH_3$
A-1125	cyclopropyl	F	CH_3	OCH_3
A-1126	cyclopropyl	F	CH_2CH_3	CH_3
A-1127	cyclopropyl	F	CH_2CH_3	CH_2CH_3
A-1128	cyclopropyl	F	CH_2CH_3	$CH_2CH_2CH_3$
A-1129	cyclopropyl	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-1130	cyclopropyl	F	CH_2CH_3	OCH_3
A-1131	cyclopropyl	F	CH_2OCH_3	CH_3
A-1132	cyclopropyl	F	CH_2OCH_3	CH_2CH_3
A-1133	cyclopropyl	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-1134	cyclopropyl	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1135	cyclopropyl	F	CH_2OCH_3	OCH_3
A-1136	cyclopropyl	F	$CH_2OCH_2CH_3$	CH_3
A-1137	cyclopropyl	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-1138	cyclopropyl	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1139	cyclopropyl	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1140	cyclopropyl	F	$CH_2OCH_2CH_3$	OCH_3
A-1141	cyclopropyl	F	$CH_2(CO)OCH_3$	CH_3

A-1142	cyclopropyl	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-1143	cyclopropyl	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1144	cyclopropyl	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1145	cyclopropyl	F	$CH_2(CO)OCH_3$	OCH_3
A-1146	cyclopropyl	F	CH_2CHCH_2	CH_3
A-1147	cyclopropyl	F	CH_2CHCH_2	CH_2CH_3
A-1148	cyclopropyl	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1149	cyclopropyl	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1150	cyclopropyl	F	CH_2CHCH_2	OCH_3
A-1151	cyclopropyl	F	CH_2CCH	CH_3
A-1152	cyclopropyl	F	CH_2CCH	CH_2CH_3
A-1153	cyclopropyl	F	CH_2CCH	$CH_2CH_2CH_3$
A-1154	cyclopropyl	F	CH_2CCH	$CH_2CH_2OCH_3$
A-1155	cyclopropyl	F	CH_2CCH	OCH_3
A-1156	cyclopropyl	F	$CH_2C_6H_5$	CH_3
A-1157	cyclopropyl	F	$CH_2C_6H_5$	CH_2CH_3
A-1158	cyclopropyl	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1159	cyclopropyl	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1160	cyclopropyl	F	$CH_2C_6H_5$	OCH_3
A-1161	cyclopropyl	Cl	CH_3	CH_3
A-1162	cyclopropyl	Cl	CH_3	CH_2CH_3
A-1163	cyclopropyl	Cl	CH_3	$CH_2CH_2CH_3$
A-1164	cyclopropyl	Cl	CH_3	$CH_2CH_2OCH_3$
A-1165	cyclopropyl	Cl	CH_3	OCH_3
A-1166	cyclopropyl	Cl	CH_2CH_3	CH_3
A-1167	cyclopropyl	Cl	CH_2CH_3	CH_2CH_3
A-1168	cyclopropyl	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-1169	cyclopropyl	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-1170	cyclopropyl	Cl	CH_2CH_3	OCH_3
A-1171	cyclopropyl	Cl	CH_2OCH_3	CH_3
A-1172	cyclopropyl	Cl	CH_2OCH_3	CH_2CH_3
A-1173	cyclopropyl	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-1174	cyclopropyl	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1175	cyclopropyl	Cl	CH_2OCH_3	OCH_3
A-1176	cyclopropyl	Cl	$CH_2OCH_2CH_3$	CH_3
A-1177	cyclopropyl	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-1178	cyclopropyl	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1179	cyclopropyl	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1180	cyclopropyl	Cl	$CH_2OCH_2CH_3$	OCH_3
A-1181	cyclopropyl	Cl	$CH_2(CO)OCH_3$	CH_3
A-1182	cyclopropyl	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-1183	cyclopropyl	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1184	cyclopropyl	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1185	cyclopropyl	Cl	$CH_2(CO)OCH_3$	OCH_3
A-1186	cyclopropyl	Cl	CH_2CHCH_2	CH_3
A-1187	cyclopropyl	Cl	CH_2CHCH_2	CH_2CH_3
A-1188	cyclopropyl	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1189	cyclopropyl	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1190	cyclopropyl	Cl	CH_2CHCH_2	OCH_3
A-1191	cyclopropyl	Cl	CH_2CCH	CH_3
A-1192	cyclopropyl	Cl	CH_2CCH	CH_2CH_3
A-1193	cyclopropyl	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-1194	cyclopropyl	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-1195	cyclopropyl	Cl	CH_2CCH	OCH_3
A-1196	cyclopropyl	Cl	$CH_2C_6H_5$	CH_3
A-1197	cyclopropyl	Cl	$CH_2C_6H_5$	CH_2CH_3
A-1198	cyclopropyl	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1199	cyclopropyl	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1200	cyclopropyl	Cl	$CH_2C_6H_5$	OCH_3
A-1201	cyclopropyl	Br	CH_3	CH_3
A-1202	cyclopropyl	Br	CH_3	CH_2CH_3
A-1203	cyclopropyl	Br	CH_3	$CH_2CH_2CH_3$
A-1204	cyclopropyl	Br	CH_3	$CH_2CH_2OCH_3$
A-1205	cyclopropyl	Br	CH_3	OCH_3
A-1206	cyclopropyl	Br	CH_2CH_3	CH_3
A-1207	cyclopropyl	Br	CH_2CH_3	CH_2CH_3
A-1208	cyclopropyl	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-1209	cyclopropyl	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-1210	cyclopropyl	Br	CH_2CH_3	OCH_3
A-1211	cyclopropyl	Br	CH_2OCH_3	CH_3
A-1212	cyclopropyl	Br	CH_2OCH_3	CH_2CH_3
A-1213	cyclopropyl	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-1214	cyclopropyl	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1215	cyclopropyl	Br	CH_2OCH_3	OCH_3
A-1216	cyclopropyl	Br	$CH_2OCH_2CH_3$	CH_3
A-1217	cyclopropyl	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-1218	cyclopropyl	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1219	cyclopropyl	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1220	cyclopropyl	Br	$CH_2OCH_2CH_3$	OCH_3
A-1221	cyclopropyl	Br	$CH_2(CO)OCH_3$	CH_3
A-1222	cyclopropyl	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-1223	cyclopropyl	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1224	cyclopropyl	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1225	cyclopropyl	Br	$CH_2(CO)OCH_3$	OCH_3
A-1226	cyclopropyl	Br	CH_2CHCH_2	CH_3
A-1227	cyclopropyl	Br	CH_2CHCH_2	CH_2CH_3
A-1228	cyclopropyl	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1229	cyclopropyl	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1230	cyclopropyl	Br	CH_2CHCH_2	OCH_3
A-1231	cyclopropyl	Br	CH_2CCH	CH_3
A-1232	cyclopropyl	Br	CH_2CCH	CH_2CH_3
A-1233	cyclopropyl	Br	CH_2CCH	$CH_2CH_2CH_3$
A-1234	cyclopropyl	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-1235	cyclopropyl	Br	CH_2CCH	OCH_3
A-1236	cyclopropyl	Br	$CH_2C_6H_5$	CH_3
A-1237	cyclopropyl	Br	$CH_2C_6H_5$	CH_2CH_3
A-1238	cyclopropyl	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1239	cyclopropyl	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1240	cyclopropyl	Br	$CH_2C_6H_5$	OCH_3
A-1241	cyclopropyl	CN	CH_3	CH_3
A-1242	cyclopropyl	CN	CH_3	CH_2CH_3
A-1243	cyclopropyl	CN	CH_3	$CH_2CH_2CH_3$
A-1244	cyclopropyl	CN	CH_3	$CH_2CH_2OCH_3$
A-1245	cyclopropyl	CN	CH_3	OCH_3
A-1246	cyclopropyl	CN	CH_2CH_3	CH_3
A-1247	cyclopropyl	CN	CH_2CH_3	CH_2CH_3
A-1248	cyclopropyl	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-1249	cyclopropyl	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-1250	cyclopropyl	CN	CH_2CH_3	OCH_3
A-1251	cyclopropyl	CN	CH_2OCH_3	CH_3
A-1252	cyclopropyl	CN	CH_2OCH_3	CH_2CH_3
A-1253	cyclopropyl	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-1254	cyclopropyl	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1255	cyclopropyl	CN	CH_2OCH_3	OCH_3
A-1256	cyclopropyl	CN	$CH_2OCH_2CH_3$	CH_3
A-1257	cyclopropyl	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-1258	cyclopropyl	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1259	cyclopropyl	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1260	cyclopropyl	CN	$CH_2OCH_2CH_3$	OCH_3
A-1261	cyclopropyl	CN	$CH_2(CO)OCH_3$	CH_3
A-1262	cyclopropyl	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-1263	cyclopropyl	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1264	cyclopropyl	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1265	cyclopropyl	CN	$CH_2(CO)OCH_3$	OCH_3
A-1266	cyclopropyl	CN	CH_2CHCH_2	CH_3
A-1267	cyclopropyl	CN	CH_2CHCH_2	CH_2CH_3
A-1268	cyclopropyl	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1269	cyclopropyl	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1270	cyclopropyl	CN	CH_2CHCH_2	OCH_3
A-1271	cyclopropyl	CN	CH_2CCH	CH_3
A-1272	cyclopropyl	CN	CH_2CCH	CH_2CH_3
A-1273	cyclopropyl	CN	CH_2CCH	$CH_2CH_2CH_3$
A-1274	cyclopropyl	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-1275	cyclopropyl	CN	CH_2CCH	OCH_3
A-1276	cyclopropyl	CN	$CH_2C_6H_5$	CH_3
A-1277	cyclopropyl	CN	$CH_2C_6H_5$	CH_2CH_3
A-1278	cyclopropyl	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1279	cyclopropyl	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1280	cyclopropyl	CN	$CH_2C_6H_5$	OCH_3
A-1281	cyclopropyl	CH_3	CH_3	CH_3
A-1282	cyclopropyl	CH_3	CH_3	CH_2CH_3
A-1283	cyclopropyl	CH_3	CH_3	$CH_2CH_2CH_3$
A-1284	cyclopropyl	CH_3	CH_3	$CH_2CH_2OCH_3$
A-1285	cyclopropyl	CH_3	CH_3	OCH_3

A-1286	cyclopropyl	CH_3	CH_2CH_3	CH_3
A-1287	cyclopropyl	CH_3	CH_2CH_3	CH_2CH_3
A-1288	cyclopropyl	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1289	cyclopropyl	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1290	cyclopropyl	CH_3	CH_2CH_3	OCH_3
A-1291	cyclopropyl	CH_3	CH_2OCH_3	CH_3
A-1292	cyclopropyl	CH_3	CH_2OCH_3	CH_2CH_3
A-1293	cyclopropyl	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1294	cyclopropyl	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1295	cyclopropyl	CH_3	CH_2OCH_3	OCH_3
A-1296	cyclopropyl	CH_3	$CH_2OCH_2CH_3$	CH_3
A-1297	cyclopropyl	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1298	cyclopropyl	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1299	cyclopropyl	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1300	cyclopropyl	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-1301	cyclopropyl	CH_3	$CH_2(CO)OCH_3$	CH_3
A-1302	cyclopropyl	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1303	cyclopropyl	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1304	cyclopropyl	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1305	cyclopropyl	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-1306	cyclopropyl	CH_3	CH_2CHCH_2	CH_3
A-1307	cyclopropyl	CH_3	CH_2CHCH_2	CH_2CH_3
A-1308	cyclopropyl	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1309	cyclopropyl	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1310	cyclopropyl	CH_3	CH_2CHCH_2	OCH_3
A-1311	cyclopropyl	CH_3	CH_2CCH	CH_3
A-1312	cyclopropyl	CH_3	CH_2CCH	CH_2CH_3
A-1313	cyclopropyl	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-1314	cyclopropyl	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1315	cyclopropyl	CH_3	CH_2CCH	OCH_3
A-1316	cyclopropyl	CH_3	$CH_2C_6H_5$	CH_3
A-1317	cyclopropyl	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-1318	cyclopropyl	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1319	cyclopropyl	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1320	cyclopropyl	CH_3	$CH_2C_6H_5$	OCH_3
A-1321	cyclopropyl	CF_3	CH_3	CH_3

A-1322	cyclopropyl	CF_3	CH_3	CH_2CH_3
A-1323	cyclopropyl	CF_3	CH_3	$CH_2CH_2CH_3$
A-1324	cyclopropyl	CF_3	CH_3	$CH_2CH_2OCH_3$
A-1325	cyclopropyl	CF_3	CH_3	OCH_3
A-1326	cyclopropyl	CF_3	CH_2CH_3	CH_3
A-1327	cyclopropyl	CF_3	CH_2CH_3	CH_2CH_3
A-1328	cyclopropyl	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1329	cyclopropyl	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1330	cyclopropyl	CF_3	CH_2CH_3	OCH_3
A-1331	cyclopropyl	CF_3	CH_2OCH_3	CH_3
A-1332	cyclopropyl	CF_3	CH_2OCH_3	CH_2CH_3
A-1333	cyclopropyl	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1334	cyclopropyl	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1335	cyclopropyl	CF_3	CH_2OCH_3	OCH_3
A-1336	cyclopropyl	CF_3	$CH_2OCH_2CH_3$	CH_3
A-1337	cyclopropyl	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1338	cyclopropyl	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1339	cyclopropyl	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1340	cyclopropyl	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-1341	cyclopropyl	CF_3	$CH_2(CO)OCH_3$	CH_3
A-1342	cyclopropyl	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1343	cyclopropyl	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1344	cyclopropyl	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1345	cyclopropyl	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-1346	cyclopropyl	CF_3	CH_2CHCH_2	CH_3
A-1347	cyclopropyl	CF_3	CH_2CHCH_2	CH_2CH_3
A-1348	cyclopropyl	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1349	cyclopropyl	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1350	cyclopropyl	CF_3	CH_2CHCH_2	OCH_3
A-1351	cyclopropyl	CF_3	CH_2CCH	CH_3
A-1352	cyclopropyl	CF_3	CH_2CCH	CH_2CH_3
A-1353	cyclopropyl	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-1354	cyclopropyl	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1355	cyclopropyl	CF_3	CH_2CCH	OCH_3
A-1356	cyclopropyl	CF_3	$CH_2C_6H_5$	CH_3
A-1357	cyclopropyl	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-1358	cyclopropyl	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1359	cyclopropyl	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1360	cyclopropyl	CF_3	$CH_2C_6H_5$	OCH_3
A-1361	cyclopropyl	SO_2CH_3	CH_3	CH_3
A-1362	cyclopropyl	SO_2CH_3	CH_3	CH_2CH_3
A-1363	cyclopropyl	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-1364	cyclopropyl	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-1365	cyclopropyl	SO_2CH_3	CH_3	OCH_3
A-1366	cyclopropyl	SO_2CH_3	CH_2CH_3	CH_3
A-1367	cyclopropyl	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-1368	cyclopropyl	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1369	cyclopropyl	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1370	cyclopropyl	SO_2CH_3	CH_2CH_3	OCH_3
A-1371	cyclopropyl	SO_2CH_3	CH_2OCH_3	CH_3
A-1372	cyclopropyl	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-1373	cyclopropyl	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1374	cyclopropyl	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1375	cyclopropyl	SO_2CH_3	CH_2OCH_3	OCH_3
A-1376	cyclopropyl	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-1377	cyclopropyl	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1378	cyclopropyl	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1379	cyclopropyl	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1380	cyclopropyl	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-1381	cyclopropyl	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-1382	cyclopropyl	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1383	cyclopropyl	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1384	cyclopropyl	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1385	cyclopropyl	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-1386	cyclopropyl	SO_2CH_3	CH_2CHCH_2	CH_3
A-1387	cyclopropyl	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-1388	cyclopropyl	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1389	cyclopropyl	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1390	cyclopropyl	SO_2CH_3	CH_2CHCH_2	OCH_3
A-1391	cyclopropyl	SO_2CH_3	CH_2CCH	CH_3
A-1392	cyclopropyl	SO_2CH_3	CH_2CCH	CH_2CH_3
A-1393	cyclopropyl	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-1394	cyclopropyl	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1395	cyclopropyl	SO_2CH_3	CH_2CCH	OCH_3
A-1396	cyclopropyl	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-1397	cyclopropyl	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-1398	cyclopropyl	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1399	cyclopropyl	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1400	cyclopropyl	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-1401	cyclopropyl	NO_2	CH_3	CH_3
A-1402	cyclopropyl	NO_2	CH_3	CH_2CH_3
A-1403	cyclopropyl	NO_2	CH_3	$CH_2CH_2CH_3$
A-1404	cyclopropyl	NO_2	CH_3	$CH_2CH_2OCH_3$
A-1405	cyclopropyl	NO_2	CH_3	OCH_3
A-1406	cyclopropyl	NO_2	CH_2CH_3	CH_3
A-1407	cyclopropyl	NO_2	CH_2CH_3	CH_2CH_3
A-1408	cyclopropyl	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-1409	cyclopropyl	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-1410	cyclopropyl	NO_2	CH_2CH_3	OCH_3
A-1411	cyclopropyl	NO_2	CH_2OCH_3	CH_3
A-1412	cyclopropyl	NO_2	CH_2OCH_3	CH_2CH_3
A-1413	cyclopropyl	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-1414	cyclopropyl	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1415	cyclopropyl	NO_2	CH_2OCH_3	OCH_3
A-1416	cyclopropyl	NO_2	$CH_2OCH_2CH_3$	CH_3
A-1417	cyclopropyl	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-1418	cyclopropyl	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1419	cyclopropyl	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1420	cyclopropyl	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-1421	cyclopropyl	NO_2	$CH_2(CO)OCH_3$	CH_3
A-1422	cyclopropyl	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-1423	cyclopropyl	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1424	cyclopropyl	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1425	cyclopropyl	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-1426	cyclopropyl	NO_2	CH_2CHCH_2	CH_3
A-1427	cyclopropyl	NO_2	CH_2CHCH_2	CH_2CH_3
A-1428	cyclopropyl	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1429	cyclopropyl	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-1430	cyclopropyl	NO_2	CH_2CHCH_2	OCH_3
A-1431	cyclopropyl	NO_2	CH_2CCH	CH_3
A-1432	cyclopropyl	NO_2	CH_2CCH	CH_2CH_3
A-1433	cyclopropyl	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-1434	cyclopropyl	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-1435	cyclopropyl	NO_2	CH_2CCH	OCH_3
A-1436	cyclopropyl	NO_2	$CH_2C_6H_5$	CH_3
A-1437	cyclopropyl	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-1438	cyclopropyl	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1439	cyclopropyl	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1440	cyclopropyl	NO_2	$CH_2C_6H_5$	OCH_3
A-1441	CH_2OCH_3	H	CH_3	CH_3
A-1442	CH_2OCH_3	H	CH_3	CH_2CH_3
A-1443	CH_2OCH_3	H	CH_3	$CH_2CH_2CH_3$
A-1444	CH_2OCH_3	H	CH_3	$CH_2CH_2OCH_3$
A-1445	CH_2OCH_3	H	CH_3	OCH_3
A-1446	CH_2OCH_3	H	CH_2CH_3	CH_3
A-1447	CH_2OCH_3	H	CH_2CH_3	CH_2CH_3
A-1448	CH_2OCH_3	H	CH_2CH_3	$CH_2CH_2CH_3$
A-1449	CH_2OCH_3	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-1450	CH_2OCH_3	H	CH_2CH_3	OCH_3
A-1451	CH_2OCH_3	H	CH_2OCH_3	CH_3
A-1452	CH_2OCH_3	H	CH_2OCH_3	CH_2CH_3
A-1453	CH_2OCH_3	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-1454	CH_2OCH_3	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1455	CH_2OCH_3	H	CH_2OCH_3	OCH_3
A-1456	CH_2OCH_3	H	$CH_2OCH_2CH_3$	CH_3
A-1457	CH_2OCH_3	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-1458	CH_2OCH_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1459	CH_2OCH_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1460	CH_2OCH_3	H	$CH_2OCH_2CH_3$	OCH_3
A-1461	CH_2OCH_3	H	$CH_2(CO)OCH_3$	CH_3
A-1462	CH_2OCH_3	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-1463	CH_2OCH_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1464	CH_2OCH_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1465	CH_2OCH_3	H	$CH_2(CO)OCH_3$	OCH_3

A-1466	CH_2OCH_3	H	CH_2CHCH_2	CH_3
A-1467	CH_2OCH_3	H	CH_2CHCH_2	CH_2CH_3
A-1468	CH_2OCH_3	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1469	CH_2OCH_3	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1470	CH_2OCH_3	H	CH_2CHCH_2	OCH_3
A-1471	CH_2OCH_3	H	CH_2CCH	CH_3
A-1472	CH_2OCH_3	H	CH_2CCH	CH_2CH_3
A-1473	CH_2OCH_3	H	CH_2CCH	$CH_2CH_2CH_3$
A-1474	CH_2OCH_3	H	CH_2CCH	$CH_2CH_2OCH_3$
A-1475	CH_2OCH_3	H	CH_2CCH	OCH_3
A-1476	CH_2OCH_3	H	$CH_2C_6H_5$	CH_3
A-1477	CH_2OCH_3	H	$CH_2C_6H_5$	CH_2CH_3
A-1478	CH_2OCH_3	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1479	CH_2OCH_3	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1480	CH_2OCH_3	H	$CH_2C_6H_5$	OCH_3
A-1481	CH_2OCH_3	F	CH_3	CH_3
A-1482	CH_2OCH_3	F	CH_3	CH_2CH_3
A-1483	CH_2OCH_3	F	CH_3	$CH_2CH_2CH_3$
A-1484	CH_2OCH_3	F	CH_3	$CH_2CH_2OCH_3$
A-1485	CH_2OCH_3	F	CH_3	OCH_3
A-1486	CH_2OCH_3	F	CH_2CH_3	CH_3
A-1487	CH_2OCH_3	F	CH_2CH_3	CH_2CH_3
A-1488	CH_2OCH_3	F	CH_2CH_3	$CH_2CH_2CH_3$
A-1489	CH_2OCH_3	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-1490	CH_2OCH_3	F	CH_2CH_3	OCH_3
A-1491	CH_2OCH_3	F	CH_2OCH_3	CH_3
A-1492	CH_2OCH_3	F	CH_2OCH_3	CH_2CH_3
A-1493	CH_2OCH_3	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-1494	CH_2OCH_3	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1495	CH_2OCH_3	F	CH_2OCH_3	OCH_3
A-1496	CH_2OCH_3	F	$CH_2OCH_2CH_3$	CH_3
A-1497	CH_2OCH_3	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-1498	CH_2OCH_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1499	CH_2OCH_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1500	CH_2OCH_3	F	$CH_2OCH_2CH_3$	OCH_3
A-1501	CH_2OCH_3	F	$CH_2(CO)OCH_3$	CH_3

A-1502	CH_2OCH_3	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-1503	CH_2OCH_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1504	CH_2OCH_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1505	CH_2OCH_3	F	$CH_2(CO)OCH_3$	OCH_3
A-1506	CH_2OCH_3	F	CH_2CHCH_2	CH_3
A-1507	CH_2OCH_3	F	CH_2CHCH_2	CH_2CH_3
A-1508	CH_2OCH_3	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1509	CH_2OCH_3	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1510	CH_2OCH_3	F	CH_2CHCH_2	OCH_3
A-1511	CH_2OCH_3	F	CH_2CCH	CH_3
A-1512	CH_2OCH_3	F	CH_2CCH	CH_2CH_3
A-1513	CH_2OCH_3	F	CH_2CCH	$CH_2CH_2CH_3$
A-1514	CH_2OCH_3	F	CH_2CCH	$CH_2CH_2OCH_3$
A-1515	CH_2OCH_3	F	CH_2CCH	OCH_3
A-1516	CH_2OCH_3	F	$CH_2C_6H_5$	CH_3
A-1517	CH_2OCH_3	F	$CH_2C_6H_5$	CH_2CH_3
A-1518	CH_2OCH_3	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1519	CH_2OCH_3	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1520	CH_2OCH_3	F	$CH_2C_6H_5$	OCH_3
A-1521	CH_2OCH_3	Cl	CH_3	CH_3
A-1522	CH_2OCH_3	Cl	CH_3	CH_2CH_3
A-1523	CH_2OCH_3	Cl	CH_3	$CH_2CH_2CH_3$
A-1524	CH_2OCH_3	Cl	CH_3	$CH_2CH_2OCH_3$
A-1525	CH_2OCH_3	Cl	CH_3	OCH_3
A-1526	CH_2OCH_3	Cl	CH_2CH_3	CH_3
A-1527	CH_2OCH_3	Cl	CH_2CH_3	CH_2CH_3
A-1528	CH_2OCH_3	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-1529	CH_2OCH_3	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-1530	CH_2OCH_3	Cl	CH_2CH_3	OCH_3
A-1531	CH_2OCH_3	Cl	CH_2OCH_3	CH_3
A-1532	CH_2OCH_3	Cl	CH_2OCH_3	CH_2CH_3
A-1533	CH_2OCH_3	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-1534	CH_2OCH_3	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1535	CH_2OCH_3	Cl	CH_2OCH_3	OCH_3
A-1536	CH_2OCH_3	Cl	$CH_2OCH_2CH_3$	CH_3
A-1537	CH_2OCH_3	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-1538	CH_2OCH_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1539	CH_2OCH_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1540	CH_2OCH_3	Cl	$CH_2OCH_2CH_3$	OCH_3
A-1541	CH_2OCH_3	Cl	$CH_2(CO)OCH_3$	CH_3
A-1542	CH_2OCH_3	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-1543	CH_2OCH_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1544	CH_2OCH_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1545	CH_2OCH_3	Cl	$CH_2(CO)OCH_3$	OCH_3
A-1546	CH_2OCH_3	Cl	CH_2CHCH_2	CH_3
A-1547	CH_2OCH_3	Cl	CH_2CHCH_2	CH_2CH_3
A-1548	CH_2OCH_3	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1549	CH_2OCH_3	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1550	CH_2OCH_3	Cl	CH_2CHCH_2	OCH_3
A-1551	CH_2OCH_3	Cl	CH_2CCH	CH_3
A-1552	CH_2OCH_3	Cl	CH_2CCH	CH_2CH_3
A-1553	CH_2OCH_3	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-1554	CH_2OCH_3	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-1555	CH_2OCH_3	Cl	CH_2CCH	OCH_3
A-1556	CH_2OCH_3	Cl	$CH_2C_6H_5$	CH_3
A-1557	CH_2OCH_3	Cl	$CH_2C_6H_5$	CH_2CH_3
A-1558	CH_2OCH_3	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1559	CH_2OCH_3	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1560	CH_2OCH_3	Cl	$CH_2C_6H_5$	OCH_3
A-1561	CH_2OCH_3	Br	CH_3	CH_3
A-1562	CH_2OCH_3	Br	CH_3	CH_2CH_3
A-1563	CH_2OCH_3	Br	CH_3	$CH_2CH_2CH_3$
A-1564	CH_2OCH_3	Br	CH_3	$CH_2CH_2OCH_3$
A-1565	CH_2OCH_3	Br	CH_3	OCH_3
A-1566	CH_2OCH_3	Br	CH_2CH_3	CH_3
A-1567	CH_2OCH_3	Br	CH_2CH_3	CH_2CH_3
A-1568	CH_2OCH_3	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-1569	CH_2OCH_3	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-1570	CH_2OCH_3	Br	CH_2CH_3	OCH_3
A-1571	CH_2OCH_3	Br	CH_2OCH_3	CH_3
A-1572	CH_2OCH_3	Br	CH_2OCH_3	CH_2CH_3
A-1573	CH_2OCH_3	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-1574	CH_2OCH_3	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1575	CH_2OCH_3	Br	CH_2OCH_3	OCH_3
A-1576	CH_2OCH_3	Br	$CH_2OCH_2CH_3$	CH_3
A-1577	CH_2OCH_3	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-1578	CH_2OCH_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1579	CH_2OCH_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1580	CH_2OCH_3	Br	$CH_2OCH_2CH_3$	OCH_3
A-1581	CH_2OCH_3	Br	$CH_2(CO)OCH_3$	CH_3
A-1582	CH_2OCH_3	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-1583	CH_2OCH_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1584	CH_2OCH_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1585	CH_2OCH_3	Br	$CH_2(CO)OCH_3$	OCH_3
A-1586	CH_2OCH_3	Br	CH_2CHCH_2	CH_3
A-1587	CH_2OCH_3	Br	CH_2CHCH_2	CH_2CH_3
A-1588	CH_2OCH_3	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1589	CH_2OCH_3	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1590	CH_2OCH_3	Br	CH_2CHCH_2	OCH_3
A-1591	CH_2OCH_3	Br	CH_2CCH	CH_3
A-1592	CH_2OCH_3	Br	CH_2CCH	CH_2CH_3
A-1593	CH_2OCH_3	Br	CH_2CCH	$CH_2CH_2CH_3$
A-1594	CH_2OCH_3	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-1595	CH_2OCH_3	Br	CH_2CCH	OCH_3
A-1596	CH_2OCH_3	Br	$CH_2C_6H_5$	CH_3
A-1597	CH_2OCH_3	Br	$CH_2C_6H_5$	CH_2CH_3
A-1598	CH_2OCH_3	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1599	CH_2OCH_3	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1600	CH_2OCH_3	Br	$CH_2C_6H_5$	OCH_3
A-1601	CH_2OCH_3	CN	CH_3	CH_3
A-1602	CH_2OCH_3	CN	CH_3	CH_2CH_3
A-1603	CH_2OCH_3	CN	CH_3	$CH_2CH_2CH_3$
A-1604	CH_2OCH_3	CN	CH_3	$CH_2CH_2OCH_3$
A-1605	CH_2OCH_3	CN	CH_3	OCH_3
A-1606	CH_2OCH_3	CN	CH_2CH_3	CH_3
A-1607	CH_2OCH_3	CN	CH_2CH_3	CH_2CH_3
A-1608	CH_2OCH_3	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-1609	CH_2OCH_3	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-1610	CH_2OCH_3	CN	CH_2CH_3	OCH_3
A-1611	CH_2OCH_3	CN	CH_2OCH_3	CH_3
A-1612	CH_2OCH_3	CN	CH_2OCH_3	CH_2CH_3
A-1613	CH_2OCH_3	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-1614	CH_2OCH_3	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1615	CH_2OCH_3	CN	CH_2OCH_3	OCH_3
A-1616	CH_2OCH_3	CN	$CH_2OCH_2CH_3$	CH_3
A-1617	CH_2OCH_3	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-1618	CH_2OCH_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1619	CH_2OCH_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1620	CH_2OCH_3	CN	$CH_2OCH_2CH_3$	OCH_3
A-1621	CH_2OCH_3	CN	$CH_2(CO)OCH_3$	CH_3
A-1622	CH_2OCH_3	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-1623	CH_2OCH_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1624	CH_2OCH_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1625	CH_2OCH_3	CN	$CH_2(CO)OCH_3$	OCH_3
A-1626	CH_2OCH_3	CN	CH_2CHCH_2	CH_3
A-1627	CH_2OCH_3	CN	CH_2CHCH_2	CH_2CH_3
A-1628	CH_2OCH_3	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1629	CH_2OCH_3	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1630	CH_2OCH_3	CN	CH_2CHCH_2	OCH_3
A-1631	CH_2OCH_3	CN	CH_2CCH	CH_3
A-1632	CH_2OCH_3	CN	CH_2CCH	CH_2CH_3
A-1633	CH_2OCH_3	CN	CH_2CCH	$CH_2CH_2CH_3$
A-1634	CH_2OCH_3	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-1635	CH_2OCH_3	CN	CH_2CCH	OCH_3
A-1636	CH_2OCH_3	CN	$CH_2C_6H_5$	CH_3
A-1637	CH_2OCH_3	CN	$CH_2C_6H_5$	CH_2CH_3
A-1638	CH_2OCH_3	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1639	CH_2OCH_3	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1640	CH_2OCH_3	CN	$CH_2C_6H_5$	OCH_3
A-1641	CH_2OCH_3	CH_3	CH_3	CH_3
A-1642	CH_2OCH_3	CH_3	CH_3	CH_2CH_3
A-1643	CH_2OCH_3	CH_3	CH_3	$CH_2CH_2CH_3$
A-1644	CH_2OCH_3	CH_3	CH_3	$CH_2CH_2OCH_3$
A-1645	CH_2OCH_3	CH_3	CH_3	OCH_3

A-1646	CH_2OCH_3	CH_3	CH_2CH_3	CH_3
A-1647	CH_2OCH_3	CH_3	CH_2CH_3	CH_2CH_3
A-1648	CH_2OCH_3	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1649	CH_2OCH_3	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1650	CH_2OCH_3	CH_3	CH_2CH_3	OCH_3
A-1651	CH_2OCH_3	CH_3	CH_2OCH_3	CH_3
A-1652	CH_2OCH_3	CH_3	CH_2OCH_3	CH_2CH_3
A-1653	CH_2OCH_3	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1654	CH_2OCH_3	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1655	CH_2OCH_3	CH_3	CH_2OCH_3	OCH_3
A-1656	CH_2OCH_3	CH_3	$CH_2OCH_2CH_3$	CH_3
A-1657	CH_2OCH_3	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1658	CH_2OCH_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1659	CH_2OCH_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1660	CH_2OCH_3	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-1661	CH_2OCH_3	CH_3	$CH_2(CO)OCH_3$	CH_3
A-1662	CH_2OCH_3	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1663	CH_2OCH_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1664	CH_2OCH_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1665	CH_2OCH_3	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-1666	CH_2OCH_3	CH_3	CH_2CHCH_2	CH_3
A-1667	CH_2OCH_3	CH_3	CH_2CHCH_2	CH_2CH_3
A-1668	CH_2OCH_3	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1669	CH_2OCH_3	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1670	CH_2OCH_3	CH_3	CH_2CHCH_2	OCH_3
A-1671	CH_2OCH_3	CH_3	CH_2CCH	CH_3
A-1672	CH_2OCH_3	CH_3	CH_2CCH	CH_2CH_3
A-1673	CH_2OCH_3	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-1674	CH_2OCH_3	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1675	CH_2OCH_3	CH_3	CH_2CCH	OCH_3
A-1676	CH_2OCH_3	CH_3	$CH_2C_6H_5$	CH_3
A-1677	CH_2OCH_3	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-1678	CH_2OCH_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1679	CH_2OCH_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1680	CH_2OCH_3	CH_3	$CH_2C_6H_5$	OCH_3
A-1681	CH_2OCH_3	CF_3	CH_3	CH_3

A-1682	CH_2OCH_3	CF_3	CH_3	CH_2CH_3
A-1683	CH_2OCH_3	CF_3	CH_3	$CH_2CH_2CH_3$
A-1684	CH_2OCH_3	CF_3	CH_3	$CH_2CH_2OCH_3$
A-1685	CH_2OCH_3	CF_3	CH_3	OCH_3
A-1686	CH_2OCH_3	CF_3	CH_2CH_3	CH_3
A-1687	CH_2OCH_3	CF_3	CH_2CH_3	CH_2CH_3
A-1688	CH_2OCH_3	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1689	CH_2OCH_3	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1690	CH_2OCH_3	CF_3	CH_2CH_3	OCH_3
A-1691	CH_2OCH_3	CF_3	CH_2OCH_3	CH_3
A-1692	CH_2OCH_3	CF_3	CH_2OCH_3	CH_2CH_3
A-1693	CH_2OCH_3	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1694	CH_2OCH_3	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1695	CH_2OCH_3	CF_3	CH_2OCH_3	OCH_3
A-1696	CH_2OCH_3	CF_3	$CH_2OCH_2CH_3$	CH_3
A-1697	CH_2OCH_3	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1698	CH_2OCH_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1699	CH_2OCH_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1700	CH_2OCH_3	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-1701	CH_2OCH_3	CF_3	$CH_2(CO)OCH_3$	CH_3
A-1702	CH_2OCH_3	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1703	CH_2OCH_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1704	CH_2OCH_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1705	CH_2OCH_3	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-1706	CH_2OCH_3	CF_3	CH_2CHCH_2	CH_3
A-1707	CH_2OCH_3	CF_3	CH_2CHCH_2	CH_2CH_3
A-1708	CH_2OCH_3	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1709	CH_2OCH_3	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1710	CH_2OCH_3	CF_3	CH_2CHCH_2	OCH_3
A-1711	CH_2OCH_3	CF_3	CH_2CCH	CH_3
A-1712	CH_2OCH_3	CF_3	CH_2CCH	CH_2CH_3
A-1713	CH_2OCH_3	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-1714	CH_2OCH_3	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1715	CH_2OCH_3	CF_3	CH_2CCH	OCH_3
A-1716	CH_2OCH_3	CF_3	$CH_2C_6H_5$	CH_3
A-1717	CH_2OCH_3	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-1718	CH_2OCH_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1719	CH_2OCH_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1720	CH_2OCH_3	CF_3	$CH_2C_6H_5$	OCH_3
A-1721	CH_2OCH_3	SO_2CH_3	CH_3	CH_3
A-1722	CH_2OCH_3	SO_2CH_3	CH_3	CH_2CH_3
A-1723	CH_2OCH_3	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-1724	CH_2OCH_3	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-1725	CH_2OCH_3	SO_2CH_3	CH_3	OCH_3
A-1726	CH_2OCH_3	SO_2CH_3	CH_2CH_3	CH_3
A-1727	CH_2OCH_3	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-1728	CH_2OCH_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-1729	CH_2OCH_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-1730	CH_2OCH_3	SO_2CH_3	CH_2CH_3	OCH_3
A-1731	CH_2OCH_3	SO_2CH_3	CH_2OCH_3	CH_3
A-1732	CH_2OCH_3	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-1733	CH_2OCH_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-1734	CH_2OCH_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1735	CH_2OCH_3	SO_2CH_3	CH_2OCH_3	OCH_3
A-1736	CH_2OCH_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-1737	CH_2OCH_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-1738	CH_2OCH_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1739	CH_2OCH_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1740	CH_2OCH_3	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-1741	CH_2OCH_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-1742	CH_2OCH_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-1743	CH_2OCH_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1744	CH_2OCH_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1745	CH_2OCH_3	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-1746	CH_2OCH_3	SO_2CH_3	CH_2CHCH_2	CH_3
A-1747	CH_2OCH_3	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-1748	CH_2OCH_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1749	CH_2OCH_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1750	CH_2OCH_3	SO_2CH_3	CH_2CHCH_2	OCH_3
A-1751	CH_2OCH_3	SO_2CH_3	CH_2CCH	CH_3
A-1752	CH_2OCH_3	SO_2CH_3	CH_2CCH	CH_2CH_3
A-1753	CH_2OCH_3	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-1754	CH_2OCH_3	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-1755	CH_2OCH_3	SO_2CH_3	CH_2CCH	OCH_3
A-1756	CH_2OCH_3	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-1757	CH_2OCH_3	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-1758	CH_2OCH_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1759	CH_2OCH_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1760	CH_2OCH_3	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-1761	CH_2OCH_3	NO_2	CH_3	CH_3
A-1762	CH_2OCH_3	NO_2	CH_3	CH_2CH_3
A-1763	CH_2OCH_3	NO_2	CH_3	$CH_2CH_2CH_3$
A-1764	CH_2OCH_3	NO_2	CH_3	$CH_2CH_2OCH_3$
A-1765	CH_2OCH_3	NO_2	CH_3	OCH_3
A-1766	CH_2OCH_3	NO_2	CH_2CH_3	CH_3
A-1767	CH_2OCH_3	NO_2	CH_2CH_3	CH_2CH_3
A-1768	CH_2OCH_3	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-1769	CH_2OCH_3	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-1770	CH_2OCH_3	NO_2	CH_2CH_3	OCH_3
A-1771	CH_2OCH_3	NO_2	CH_2OCH_3	CH_3
A-1772	CH_2OCH_3	NO_2	CH_2OCH_3	CH_2CH_3
A-1773	CH_2OCH_3	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-1774	CH_2OCH_3	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1775	CH_2OCH_3	NO_2	CH_2OCH_3	OCH_3
A-1776	CH_2OCH_3	NO_2	$CH_2OCH_2CH_3$	CH_3
A-1777	CH_2OCH_3	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-1778	CH_2OCH_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1779	CH_2OCH_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1780	CH_2OCH_3	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-1781	CH_2OCH_3	NO_2	$CH_2(CO)OCH_3$	CH_3
A-1782	CH_2OCH_3	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-1783	CH_2OCH_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1784	CH_2OCH_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1785	CH_2OCH_3	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-1786	CH_2OCH_3	NO_2	CH_2CHCH_2	CH_3
A-1787	CH_2OCH_3	NO_2	CH_2CHCH_2	CH_2CH_3
A-1788	CH_2OCH_3	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1789	CH_2OCH_3	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-1790	CH_2OCH_3	NO_2	CH_2CHCH_2	OCH_3
A-1791	CH_2OCH_3	NO_2	CH_2CCH	CH_3
A-1792	CH_2OCH_3	NO_2	CH_2CCH	CH_2CH_3
A-1793	CH_2OCH_3	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-1794	CH_2OCH_3	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-1795	CH_2OCH_3	NO_2	CH_2CCH	OCH_3
A-1796	CH_2OCH_3	NO_2	$CH_2C_6H_5$	CH_3
A-1797	CH_2OCH_3	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-1798	CH_2OCH_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1799	CH_2OCH_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1800	CH_2OCH_3	NO_2	$CH_2C_6H_5$	OCH_3
A-1801	$CH_2OCH_2CH_2OCH_3$	H	CH_3	CH_3
A-1802	$CH_2OCH_2CH_2OCH_3$	H	CH_3	CH_2CH_3
A-1803	$CH_2OCH_2CH_2OCH_3$	H	CH_3	$CH_2CH_2CH_3$
A-1804	$CH_2OCH_2CH_2OCH_3$	H	CH_3	$CH_2CH_2OCH_3$
A-1805	$CH_2OCH_2CH_2OCH_3$	H	CH_3	OCH_3
A-1806	$CH_2OCH_2CH_2OCH_3$	H	CH_2CH_3	CH_3
A-1807	$CH_2OCH_2CH_2OCH_3$	H	CH_2CH_3	CH_2CH_3
A-1808	$CH_2OCH_2CH_2OCH_3$	H	CH_2CH_3	$CH_2CH_2CH_3$
A-1809	$CH_2OCH_2CH_2OCH_3$	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-1810	$CH_2OCH_2CH_2OCH_3$	H	CH_2CH_3	OCH_3
A-1811	$CH_2OCH_2CH_2OCH_3$	H	CH_2OCH_3	CH_3
A-1812	$CH_2OCH_2CH_2OCH_3$	H	CH_2OCH_3	CH_2CH_3
A-1813	$CH_2OCH_2CH_2OCH_3$	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-1814	$CH_2OCH_2CH_2OCH_3$	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1815	$CH_2OCH_2CH_2OCH_3$	H	CH_2OCH_3	OCH_3
A-1816	$CH_2OCH_2CH_2OCH_3$	H	$CH_2OCH_2CH_3$	CH_3
A-1817	$CH_2OCH_2CH_2OCH_3$	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-1818	$CH_2OCH_2CH_2OCH_3$	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1819	$CH_2OCH_2CH_2OCH_3$	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1820	$CH_2OCH_2CH_2OCH_3$	H	$CH_2OCH_2CH_3$	OCH_3
A-1821	$CH_2OCH_2CH_2OCH_3$	H	$CH_2(CO)OCH_3$	CH_3
A-1822	$CH_2OCH_2CH_2OCH_3$	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-1823	$CH_2OCH_2CH_2OCH_3$	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1824	$CH_2OCH_2CH_2OCH_3$	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1825	$CH_2OCH_2CH_2OCH_3$	H	$CH_2(CO)OCH_3$	OCH_3

A-1826	$CH_2OCH_2CH_2OCH_3$	H	CH_2CHCH_2	CH_3
A-1827	$CH_2OCH_2CH_2OCH_3$	H	CH_2CHCH_2	CH_2CH_3
A-1828	$CH_2OCH_2CH_2OCH_3$	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1829	$CH_2OCH_2CH_2OCH_3$	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1830	$CH_2OCH_2CH_2OCH_3$	H	CH_2CHCH_2	OCH_3
A-1831	$CH_2OCH_2CH_2OCH_3$	H	CH_2CCH	CH_3
A-1832	$CH_2OCH_2CH_2OCH_3$	H	CH_2CCH	CH_2CH_3
A-1833	$CH_2OCH_2CH_2OCH_3$	H	CH_2CCH	$CH_2CH_2CH_3$
A-1834	$CH_2OCH_2CH_2OCH_3$	H	CH_2CCH	$CH_2CH_2OCH_3$
A-1835	$CH_2OCH_2CH_2OCH_3$	H	CH_2CCH	OCH_3
A-1836	$CH_2OCH_2CH_2OCH_3$	H	$CH_2C_6H_5$	CH_3
A-1837	$CH_2OCH_2CH_2OCH_3$	H	$CH_2C_6H_5$	CH_2CH_3
A-1838	$CH_2OCH_2CH_2OCH_3$	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1839v	$CH_2OCH_2CH_2OCH_3$	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1840v	$CH_2OCH_2CH_2OCH_3$	H	$CH_2C_6H_5$	OCH_3
A-1841	$CH_2OCH_2CH_2OCH_3$	F	CH_3	CH_3
A-1842	$CH_2OCH_2CH_2OCH_3$	F	CH_3	CH_2CH_3
A-1843	$CH_2OCH_2CH_2OCH_3$	F	CH_3	$CH_2CH_2CH_3$
A-1844	$CH_2OCH_2CH_2OCH_3$	F	CH_3	$CH_2CH_2OCH_3$
A-1845	$CH_2OCH_2CH_2OCH_3$	F	CH_3	OCH_3
A-1846	$CH_2OCH_2CH_2OCH_3$	F	CH_2CH_3	CH_3
A-1847	$CH_2OCH_2CH_2OCH_3$	F	CH_2CH_3	CH_2CH_3
A-1848	$CH_2OCH_2CH_2OCH_3$	F	CH_2CH_3	$CH_2CH_2CH_3$
A-1849	$CH_2OCH_2CH_2OCH_3$	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-1850	$CH_2OCH_2CH_2OCH_3$	F	CH_2CH_3	OCH_3
A-1851	$CH_2OCH_2CH_2OCH_3$	F	CH_2OCH_3	CH_3
A-1852	$CH_2OCH_2CH_2OCH_3$	F	CH_2OCH_3	CH_2CH_3
A-1853	$CH_2OCH_2CH_2OCH_3$	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-1854	$CH_2OCH_2CH_2OCH_3$	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1855	$CH_2OCH_2CH_2OCH_3$	F	CH_2OCH_3	OCH_3
A-1856	$CH_2OCH_2CH_2OCH_3$	F	$CH_2OCH_2CH_3$	CH_3
A-1857	$CH_2OCH_2CH_2OCH_3$	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-1858	$CH_2OCH_2CH_2OCH_3$	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1859	$CH_2OCH_2CH_2OCH_3$	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1860	$CH_2OCH_2CH_2OCH_3$	F	$CH_2OCH_2CH_3$	OCH_3
A-1861	$CH_2OCH_2CH_2OCH_3$	F	$CH_2(CO)OCH_3$	CH_3

A-1862	$CH_2OCH_2CH_2OCH_3$	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-1863	$CH_2OCH_2CH_2OCH_3$	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1864	$CH_2OCH_2CH_2OCH_3$	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1865	$CH_2OCH_2CH_2OCH_3$	F	$CH_2(CO)OCH_3$	OCH_3
A-1866	$CH_2OCH_2CH_2OCH_3$	F	CH_2CHCH_2	CH_3
A-1867	$CH_2OCH_2CH_2OCH_3$	F	CH_2CHCH_2	CH_2CH_3
A-1868	$CH_2OCH_2CH_2OCH_3$	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1869	$CH_2OCH_2CH_2OCH_3$	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1870	$CH_2OCH_2CH_2OCH_3$	F	CH_2CHCH_2	OCH_3
A-1871	$CH_2OCH_2CH_2OCH_3$	F	CH_2CCH	CH_3
A-1872	$CH_2OCH_2CH_2OCH_3$	F	CH_2CCH	CH_2CH_3
A-1873	$CH_2OCH_2CH_2OCH_3$	F	CH_2CCH	$CH_2CH_2CH_3$
A-1874	$CH_2OCH_2CH_2OCH_3$	F	CH_2CCH	$CH_2CH_2OCH_3$
A-1875	$CH_2OCH_2CH_2OCH_3$	F	CH_2CCH	OCH_3
A-1876	$CH_2OCH_2CH_2OCH_3$	F	$CH_2C_6H_5$	CH_3
A-1877	$CH_2OCH_2CH_2OCH_3$	F	$CH_2C_6H_5$	CH_2CH_3
A-1878	$CH_2OCH_2CH_2OCH_3$	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1879	$CH_2OCH_2CH_2OCH_3$	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1880	$CH_2OCH_2CH_2OCH_3$	F	$CH_2C_6H_5$	OCH_3
A-1881	$CH_2OCH_2CH_2OCH_3$	Cl	CH_3	CH_3
A-1882	$CH_2OCH_2CH_2OCH_3$	Cl	CH_3	CH_2CH_3
A-1883	$CH_2OCH_2CH_2OCH_3$	Cl	CH_3	$CH_2CH_2CH_3$
A-1884	$CH_2OCH_2CH_2OCH_3$	Cl	CH_3	$CH_2CH_2OCH_3$
A-1885	$CH_2OCH_2CH_2OCH_3$	Cl	CH_3	OCH_3
A-1886	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CH_3	CH_3
A-1887	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CH_3	CH_2CH_3
A-1888	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-1889	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-1890	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CH_3	OCH_3
A-1891	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2OCH_3	CH_3
A-1892	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2OCH_3	CH_2CH_3
A-1893	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-1894	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1895	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2OCH_3	OCH_3
A-1896	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2OCH_2CH_3$	CH_3
A-1897	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-1898	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1899	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1900	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2OCH_2CH_3$	OCH_3
A-1901	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2(CO)OCH_3$	CH_3
A-1902	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-1903	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1904	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1905	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2(CO)OCH_3$	OCH_3
A-1906	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CHCH_2	CH_3
A-1907	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CHCH_2	CH_2CH_3
A-1908	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1909	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1910	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CHCH_2	OCH_3
A-1911	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CCH	CH_3
A-1912	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CCH	CH_2CH_3
A-1913	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-1914	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-1915	$CH_2OCH_2CH_2OCH_3$	Cl	CH_2CCH	OCH_3
A-1916	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2C_6H_5$	CH_3
A-1917	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2C_6H_5$	CH_2CH_3
A-1918	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1919	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1920	$CH_2OCH_2CH_2OCH_3$	Cl	$CH_2C_6H_5$	OCH_3
A-1921	$CH_2OCH_2CH_2OCH_3$	Br	CH_3	CH_3
A-1922	$CH_2OCH_2CH_2OCH_3$	Br	CH_3	CH_2CH_3
A-1923	$CH_2OCH_2CH_2OCH_3$	Br	CH_3	$CH_2CH_2CH_3$
A-1924	$CH_2OCH_2CH_2OCH_3$	Br	CH_3	$CH_2CH_2OCH_3$
A-1925	$CH_2OCH_2CH_2OCH_3$	Br	CH_3	OCH_3
A-1926	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CH_3	CH_3
A-1927	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CH_3	CH_2CH_3
A-1928	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-1929	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-1930	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CH_3	OCH_3
A-1931	$CH_2OCH_2CH_2OCH_3$	Br	CH_2OCH_3	CH_3
A-1932	$CH_2OCH_2CH_2OCH_3$	Br	CH_2OCH_3	CH_2CH_3
A-1933	$CH_2OCH_2CH_2OCH_3$	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-1934	$CH_2OCH_2CH_2OCH_3$	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1935	$CH_2OCH_2CH_2OCH_3$	Br	CH_2OCH_3	OCH_3
A-1936	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2OCH_2CH_3$	CH_3
A-1937	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-1938	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1939	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1940	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2OCH_2CH_3$	OCH_3
A-1941	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2(CO)OCH_3$	CH_3
A-1942	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-1943	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1944	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1945	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2(CO)OCH_3$	OCH_3
A-1946	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CHCH_2	CH_3
A-1947	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CHCH_2	CH_2CH_3
A-1948	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1949	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1950	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CHCH_2	OCH_3
A-1951	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CCH	CH_3
A-1952	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CCH	CH_2CH_3
A-1953	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CCH	$CH_2CH_2CH_3$
A-1954	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-1955	$CH_2OCH_2CH_2OCH_3$	Br	CH_2CCH	OCH_3
A-1956	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2C_6H_5$	CH_3
A-1957	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2C_6H_5$	CH_2CH_3
A-1958	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1959	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-1960	$CH_2OCH_2CH_2OCH_3$	Br	$CH_2C_6H_5$	OCH_3
A-1961	$CH_2OCH_2CH_2OCH_3$	CN	CH_3	CH_3
A-1962	$CH_2OCH_2CH_2OCH_3$	CN	CH_3	CH_2CH_3
A-1963	$CH_2OCH_2CH_2OCH_3$	CN	CH_3	$CH_2CH_2CH_3$
A-1964	$CH_2OCH_2CH_2OCH_3$	CN	CH_3	$CH_2CH_2OCH_3$
A-1965	$CH_2OCH_2CH_2OCH_3$	CN	CH_3	OCH_3
A-1966	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CH_3	CH_3
A-1967	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CH_3	CH_2CH_3
A-1968	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-1969	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-1970	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CH_3	OCH_3
A-1971	$CH_2OCH_2CH_2OCH_3$	CN	CH_2OCH_3	CH_3
A-1972	$CH_2OCH_2CH_2OCH_3$	CN	CH_2OCH_3	CH_2CH_3
A-1973	$CH_2OCH_2CH_2OCH_3$	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-1974	$CH_2OCH_2CH_2OCH_3$	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-1975	$CH_2OCH_2CH_2OCH_3$	CN	CH_2OCH_3	OCH_3
A-1976	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2OCH_2CH_3$	CH_3
A-1977	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-1978	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-1979	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-1980	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2OCH_2CH_3$	OCH_3
A-1981	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2(CO)OCH_3$	CH_3
A-1982	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-1983	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-1984	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-1985	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2(CO)OCH_3$	OCH_3
A-1986	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CHCH_2	CH_3
A-1987	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CHCH_2	CH_2CH_3
A-1988	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-1989	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-1990	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CHCH_2	OCH_3
A-1991	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CCH	CH_3
A-1992	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CCH	CH_2CH_3
A-1993	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CCH	$CH_2CH_2CH_3$
A-1994	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-1995	$CH_2OCH_2CH_2OCH_3$	CN	CH_2CCH	OCH_3
A-1996	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2C_6H_5$	CH_3
A-1997	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2C_6H_5$	CH_2CH_3
A-1998	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-1999	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2000	$CH_2OCH_2CH_2OCH_3$	CN	$CH_2C_6H_5$	OCH_3
A-2001	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_3	CH_3
A-2002	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_3	CH_2CH_3
A-2003	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_3	$CH_2CH_2CH_3$
A-2004	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_3	$CH_2CH_2OCH_3$
A-2005	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_3	OCH_3

A-2006	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CH_3	CH_3
A-2007	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CH_3	CH_2CH_3
A-2008	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2009	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2010	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CH_3	OCH_3
A-2011	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2OCH_3	CH_3
A-2012	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2OCH_3	CH_2CH_3
A-2013	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2014	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2015	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2OCH_3	OCH_3
A-2016	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2OCH_2CH_3$	CH_3
A-2017	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2018	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2019	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2020	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-2021	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2(CO)OCH_3$	CH_3
A-2022	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2023	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2024	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2025	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-2026	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CHCH_2	CH_3
A-2027	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CHCH_2	CH_2CH_3
A-2028	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2029	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2030	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CHCH_2	OCH_3
A-2031	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CCH	CH_3
A-2032	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CCH	CH_2CH_3
A-2033	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-2034	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2035	$CH_2OCH_2CH_2OCH_3$	CH_3	CH_2CCH	OCH_3
A-2036	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2C_6H_5$	CH_3
A-2037	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-2038	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2039	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2040	$CH_2OCH_2CH_2OCH_3$	CH_3	$CH_2C_6H_5$	OCH_3
A-2041	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_3	CH_3

A-2042	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_3	CH_2CH_3
A-2043	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_3	$CH_2CH_2CH_3$
A-2044	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_3	$CH_2CH_2OCH_3$
A-2045	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_3	OCH_3
A-2046	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CH_3	CH_3
A-2047	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CH_3	CH_2CH_3
A-2048	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2049	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2050	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CH_3	OCH_3
A-2051	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2OCH_3	CH_3
A-2052	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2OCH_3	CH_2CH_3
A-2053	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2054	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2055	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2OCH_3	OCH_3
A-2056	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2OCH_2CH_3$	CH_3
A-2057	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2058	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2059	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2060	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-2061	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2(CO)OCH_3$	CH_3
A-2062	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2063	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2064	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2065	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-2066	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CHCH_2	CH_3
A-2067	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CHCH_2	CH_2CH_3
A-2068	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2069	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2070	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CHCH_2	OCH_3
A-2071	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CCH	CH_3
A-2072	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CCH	CH_2CH_3
A-2073	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-2074	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2075	$CH_2OCH_2CH_2OCH_3$	CF_3	CH_2CCH	OCH_3
A-2076	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2C_6H_5$	CH_3
A-2077	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-2078	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2079	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2080	$CH_2OCH_2CH_2OCH_3$	CF_3	$CH_2C_6H_5$	OCH_3
A-2081	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_3	CH_3
A-2082	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_3	CH_2CH_3
A-2083	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-2084	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-2085	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_3	OCH_3
A-2086	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CH_3	CH_3
A-2087	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-2088	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2089	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2090	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CH_3	OCH_3
A-2091	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2OCH_3	CH_3
A-2092	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-2093	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2094	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2095	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2OCH_3	OCH_3
A-2096	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-2097	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2098	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2099	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2100	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-2101	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-2102	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2103	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2104	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2105	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-2106	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CHCH_2	CH_3
A-2107	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-2108	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2109	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2110	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CHCH_2	OCH_3
A-2111	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CCH	CH_3
A-2112	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CCH	CH_2CH_3
A-2113	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-2114	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2115	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	CH_2CCH	OCH_3
A-2116	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-2117	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-2118	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2119	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2120	$CH_2OCH_2CH_2OCH_3$	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-2121	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_3	CH_3
A-2122	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_3	CH_2CH_3
A-2123	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_3	$CH_2CH_2CH_3$
A-2124	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_3	$CH_2CH_2OCH_3$
A-2125	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_3	OCH_3
A-2126	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CH_3	CH_3
A-2127	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CH_3	CH_2CH_3
A-2128	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-2129	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-2130	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CH_3	OCH_3
A-2131	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2OCH_3	CH_3
A-2132	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2OCH_3	CH_2CH_3
A-2133	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-2134	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2135	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2OCH_3	OCH_3
A-2136	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2OCH_2CH_3$	CH_3
A-2137	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-2138	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2139	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2140	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-2141	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2(CO)OCH_3$	CH_3
A-2142	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-2143	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2144	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2145	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-2146	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CHCH_2	CH_3
A-2147	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CHCH_2	CH_2CH_3
A-2148	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2149	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-2150	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CHCH_2	OCH_3
A-2151	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CCH	CH_3
A-2152	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CCH	CH_2CH_3
A-2153	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-2154	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-2155	$CH_2OCH_2CH_2OCH_3$	NO_2	CH_2CCH	OCH_3
A-2156	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2C_6H_5$	CH_3
A-2157	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-2158	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2159	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2160	$CH_2OCH_2CH_2OCH_3$	NO_2	$CH_2C_6H_5$	OCH_3
A-2161	SO_2CH_3	H	CH_3	CH_3
A-2162	SO_2CH_3	H	CH_3	CH_2CH_3
A-2163	SO_2CH_3	H	CH_3	$CH_2CH_2CH_3$
A-2164	SO_2CH_3	H	CH_3	$CH_2CH_2OCH_3$
A-2165	SO_2CH_3	H	CH_3	OCH_3
A-2166	SO_2CH_3	H	CH_2CH_3	CH_3
A-2167	SO_2CH_3	H	CH_2CH_3	CH_2CH_3
A-2168	SO_2CH_3	H	CH_2CH_3	$CH_2CH_2CH_3$
A-2169	SO_2CH_3	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-2170	SO_2CH_3	H	CH_2CH_3	OCH_3
A-2171	SO_2CH_3	H	CH_2OCH_3	CH_3
A-2172	SO_2CH_3	H	CH_2OCH_3	CH_2CH_3
A-2173	SO_2CH_3	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-2174	SO_2CH_3	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2175	SO_2CH_3	H	CH_2OCH_3	OCH_3
A-2176	SO_2CH_3	H	$CH_2OCH_2CH_3$	CH_3
A-2177	SO_2CH_3	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-2178	SO_2CH_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2179	SO_2CH_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2180	SO_2CH_3	H	$CH_2OCH_2CH_3$	OCH_3
A-2181	SO_2CH_3	H	$CH_2(CO)OCH_3$	CH_3
A-2182	SO_2CH_3	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-2183	SO_2CH_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2184	SO_2CH_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2185	SO_2CH_3	H	$CH_2(CO)OCH_3$	OCH_3

A-2186	SO_2CH_3	H	CH_2CHCH_2	CH_3
A-2187	SO_2CH_3	H	CH_2CHCH_2	CH_2CH_3
A-2188	SO_2CH_3	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2189	SO_2CH_3	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2190	SO_2CH_3	H	CH_2CHCH_2	OCH_3
A-2191	SO_2CH_3	H	CH_2CCH	CH_3
A-2192	SO_2CH_3	H	CH_2CCH	CH_2CH_3
A-2193	SO_2CH_3	H	CH_2CCH	$CH_2CH_2CH_3$
A-2194	SO_2CH_3	H	CH_2CCH	$CH_2CH_2OCH_3$
A-2195	SO_2CH_3	H	CH_2CCH	OCH_3
A-2196	SO_2CH_3	H	$CH_2C_6H_5$	CH_3
A-2197	SO_2CH_3	H	$CH_2C_6H_5$	CH_2CH_3
A-2198	SO_2CH_3	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2199	SO_2CH_3	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2200	SO_2CH_3	H	$CH_2C_6H_5$	OCH_3
A-2201	SO_2CH_3	F	CH_3	CH_3
A-2202	SO_2CH_3	F	CH_3	CH_2CH_3
A-2203	SO_2CH_3	F	CH_3	$CH_2CH_2CH_3$
A-2204	SO_2CH_3	F	CH_3	$CH_2CH_2OCH_3$
A-2205	SO_2CH_3	F	CH_3	OCH_3
A-2206	SO_2CH_3	F	CH_2CH_3	CH_3
A-2207	SO_2CH_3	F	CH_2CH_3	CH_2CH_3
A-2208	SO_2CH_3	F	CH_2CH_3	$CH_2CH_2CH_3$
A-2209	SO_2CH_3	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-2210	SO_2CH_3	F	CH_2CH_3	OCH_3
A-2211	SO_2CH_3	F	CH_2OCH_3	CH_3
A-2212	SO_2CH_3	F	CH_2OCH_3	CH_2CH_3
A-2213	SO_2CH_3	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-2214	SO_2CH_3	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2215	SO_2CH_3	F	CH_2OCH_3	OCH_3
A-2216	SO_2CH_3	F	$CH_2OCH_2CH_3$	CH_3
A-2217	SO_2CH_3	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-2218	SO_2CH_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2219	SO_2CH_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2220	SO_2CH_3	F	$CH_2OCH_2CH_3$	OCH_3
A-2221	SO_2CH_3	F	$CH_2(CO)OCH_3$	CH_3

A-2222	SO_2CH_3	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-2223	SO_2CH_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2224	SO_2CH_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2225	SO_2CH_3	F	$CH_2(CO)OCH_3$	OCH_3
A-2226	SO_2CH_3	F	CH_2CHCH_2	CH_3
A-2227	SO_2CH_3	F	CH_2CHCH_2	CH_2CH_3
A-2228	SO_2CH_3	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2229	SO_2CH_3	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2230	SO_2CH_3	F	CH_2CHCH_2	OCH_3
A-2231	SO_2CH_3	F	CH_2CCH	CH_3
A-2232	SO_2CH_3	F	CH_2CCH	CH_2CH_3
A-2233	SO_2CH_3	F	CH_2CCH	$CH_2CH_2CH_3$
A-2234	SO_2CH_3	F	CH_2CCH	$CH_2CH_2OCH_3$
A-2235	SO_2CH_3	F	CH_2CCH	OCH_3
A-2236	SO_2CH_3	F	$CH_2C_6H_5$	CH_3
A-2237	SO_2CH_3	F	$CH_2C_6H_5$	CH_2CH_3
A-2238	SO_2CH_3	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2239	SO_2CH_3	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2240	SO_2CH_3	F	$CH_2C_6H_5$	OCH_3
A-2241	SO_2CH_3	Cl	CH_3	CH_3
A-2242	SO_2CH_3	Cl	CH_3	CH_2CH_3
A-2243	SO_2CH_3	Cl	CH_3	$CH_2CH_2CH_3$
A-2244	SO_2CH_3	Cl	CH_3	$CH_2CH_2OCH_3$
A-2245	SO_2CH_3	Cl	CH_3	OCH_3
A-2246	SO_2CH_3	Cl	CH_2CH_3	CH_3
A-2247	SO_2CH_3	Cl	CH_2CH_3	CH_2CH_3
A-2248	SO_2CH_3	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-2249	SO_2CH_3	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-2250	SO_2CH_3	Cl	CH_2CH_3	OCH_3
A-2251	SO_2CH_3	Cl	CH_2OCH_3	CH_3
A-2252	SO_2CH_3	Cl	CH_2OCH_3	CH_2CH_3
A-2253	SO_2CH_3	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-2254	SO_2CH_3	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2255	SO_2CH_3	Cl	CH_2OCH_3	OCH_3
A-2256	SO_2CH_3	Cl	$CH_2OCH_2CH_3$	CH_3
A-2257	SO_2CH_3	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-2258	SO_2CH_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2259	SO_2CH_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2260	SO_2CH_3	Cl	$CH_2OCH_2CH_3$	OCH_3
A-2261	SO_2CH_3	Cl	$CH_2(CO)OCH_3$	CH_3
A-2262	SO_2CH_3	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-2263	SO_2CH_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2264	SO_2CH_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2265	SO_2CH_3	Cl	$CH_2(CO)OCH_3$	OCH_3
A-2266	SO_2CH_3	Cl	CH_2CHCH_2	CH_3
A-2267	SO_2CH_3	Cl	CH_2CHCH_2	CH_2CH_3
A-2268	SO_2CH_3	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2269	SO_2CH_3	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2270	SO_2CH_3	Cl	CH_2CHCH_2	OCH_3
A-2271	SO_2CH_3	Cl	CH_2CCH	CH_3
A-2272	SO_2CH_3	Cl	CH_2CCH	CH_2CH_3
A-2273	SO_2CH_3	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-2274	SO_2CH_3	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-2275	SO_2CH_3	Cl	CH_2CCH	OCH_3
A-2276	SO_2CH_3	Cl	$CH_2C_6H_5$	CH_3
A-2277	SO_2CH_3	Cl	$CH_2C_6H_5$	CH_2CH_3
A-2278	SO_2CH_3	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2279	SO_2CH_3	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2280	SO_2CH_3	Cl	$CH_2C_6H_5$	OCH_3
A-2281	SO_2CH_3	Br	CH_3	CH_3
A-2282	SO_2CH_3	Br	CH_3	CH_2CH_3
A-2283	SO_2CH_3	Br	CH_3	$CH_2CH_2CH_3$
A-2284	SO_2CH_3	Br	CH_3	$CH_2CH_2OCH_3$
A-2285	SO_2CH_3	Br	CH_3	OCH_3
A-2286	SO_2CH_3	Br	CH_2CH_3	CH_3
A-2287	SO_2CH_3	Br	CH_2CH_3	CH_2CH_3
A-2288	SO_2CH_3	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-2289	SO_2CH_3	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-2290	SO_2CH_3	Br	CH_2CH_3	OCH_3
A-2291	SO_2CH_3	Br	CH_2OCH_3	CH_3
A-2292	SO_2CH_3	Br	CH_2OCH_3	CH_2CH_3
A-2293	SO_2CH_3	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-2294	SO_2CH_3	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2295	SO_2CH_3	Br	CH_2OCH_3	OCH_3
A-2296	SO_2CH_3	Br	$CH_2OCH_2CH_3$	CH_3
A-2297	SO_2CH_3	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-2298	SO_2CH_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2299	SO_2CH_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2300	SO_2CH_3	Br	$CH_2OCH_2CH_3$	OCH_3
A-2301	SO_2CH_3	Br	$CH_2(CO)OCH_3$	CH_3
A-2302	SO_2CH_3	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-2303	SO_2CH_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2304	SO_2CH_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2305	SO_2CH_3	Br	$CH_2(CO)OCH_3$	OCH_3
A-2306	SO_2CH_3	Br	CH_2CHCH_2	CH_3
A-2307	SO_2CH_3	Br	CH_2CHCH_2	CH_2CH_3
A-2308	SO_2CH_3	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2309	SO_2CH_3	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2310	SO_2CH_3	Br	CH_2CHCH_2	OCH_3
A-2311	SO_2CH_3	Br	CH_2CCH	CH_3
A-2312	SO_2CH_3	Br	CH_2CCH	CH_2CH_3
A-2313	SO_2CH_3	Br	CH_2CCH	$CH_2CH_2CH_3$
A-2314	SO_2CH_3	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-2315	SO_2CH_3	Br	CH_2CCH	OCH_3
A-2316	SO_2CH_3	Br	$CH_2C_6H_5$	CH_3
A-2317	SO_2CH_3	Br	$CH_2C_6H_5$	CH_2CH_3
A-2318	SO_2CH_3	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2319	SO_2CH_3	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2320	SO_2CH_3	Br	$CH_2C_6H_5$	OCH_3
A-2321	SO_2CH_3	CN	CH_3	CH_3
A-2322	SO_2CH_3	CN	CH_3	CH_2CH_3
A-2323	SO_2CH_3	CN	CH_3	$CH_2CH_2CH_3$
A-2324	SO_2CH_3	CN	CH_3	$CH_2CH_2OCH_3$
A-2325	SO_2CH_3	CN	CH_3	OCH_3
A-2326	SO_2CH_3	CN	CH_2CH_3	CH_3
A-2327	SO_2CH_3	CN	CH_2CH_3	CH_2CH_3
A-2328	SO_2CH_3	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-2329	SO_2CH_3	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-2330	SO_2CH_3	CN	CH_2CH_3	OCH_3
A-2331	SO_2CH_3	CN	CH_2OCH_3	CH_3
A-2332	SO_2CH_3	CN	CH_2OCH_3	CH_2CH_3
A-2333	SO_2CH_3	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-2334	SO_2CH_3	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2335	SO_2CH_3	CN	CH_2OCH_3	OCH_3
A-2336	SO_2CH_3	CN	$CH_2OCH_2CH_3$	CH_3
A-2337	SO_2CH_3	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-2338	SO_2CH_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2339	SO_2CH_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2340	SO_2CH_3	CN	$CH_2OCH_2CH_3$	OCH_3
A-2341	SO_2CH_3	CN	$CH_2(CO)OCH_3$	CH_3
A-2342	SO_2CH_3	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-2343	SO_2CH_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2344	SO_2CH_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2345	SO_2CH_3	CN	$CH_2(CO)OCH_3$	OCH_3
A-2346	SO_2CH_3	CN	CH_2CHCH_2	CH_3
A-2347	SO_2CH_3	CN	CH_2CHCH_2	CH_2CH_3
A-2348	SO_2CH_3	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2349	SO_2CH_3	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2350	SO_2CH_3	CN	CH_2CHCH_2	OCH_3
A-2351	SO_2CH_3	CN	CH_2CCH	CH_3
A-2352	SO_2CH_3	CN	CH_2CCH	CH_2CH_3
A-2353	SO_2CH_3	CN	CH_2CCH	$CH_2CH_2CH_3$
A-2354	SO_2CH_3	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-2355	SO_2CH_3	CN	CH_2CCH	OCH_3
A-2356	SO_2CH_3	CN	$CH_2C_6H_5$	CH_3
A-2357	SO_2CH_3	CN	$CH_2C_6H_5$	CH_2CH_3
A-2358	SO_2CH_3	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2359	SO_2CH_3	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2360	SO_2CH_3	CN	$CH_2C_6H_5$	OCH_3
A-2361	SO_2CH_3	CH_3	CH_3	CH_3
A-2362	SO_2CH_3	CH_3	CH_3	CH_2CH_3
A-2363	SO_2CH_3	CH_3	CH_3	$CH_2CH_2CH_3$
A-2364	SO_2CH_3	CH_3	CH_3	$CH_2CH_2OCH_3$
A-2365	SO_2CH_3	CH_3	CH_3	OCH_3

A-2366	SO_2CH_3	CH_3	CH_2CH_3	CH_3
A-2367	SO_2CH_3	CH_3	CH_2CH_3	CH_2CH_3
A-2368	SO_2CH_3	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2369	SO_2CH_3	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2370	SO_2CH_3	CH_3	CH_2CH_3	OCH_3
A-2371	SO_2CH_3	CH_3	CH_2OCH_3	CH_3
A-2372	SO_2CH_3	CH_3	CH_2OCH_3	CH_2CH_3
A-2373	SO_2CH_3	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2374	SO_2CH_3	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2375	SO_2CH_3	CH_3	CH_2OCH_3	OCH_3
A-2376	SO_2CH_3	CH_3	$CH_2OCH_2CH_3$	CH_3
A-2377	SO_2CH_3	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2378	SO_2CH_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2379	SO_2CH_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2380	SO_2CH_3	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-2381	SO_2CH_3	CH_3	$CH_2(CO)OCH_3$	CH_3
A-2382	SO_2CH_3	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2383	SO_2CH_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2384	SO_2CH_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2385	SO_2CH_3	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-2386	SO_2CH_3	CH_3	CH_2CHCH_2	CH_3
A-2387	SO_2CH_3	CH_3	CH_2CHCH_2	CH_2CH_3
A-2388	SO_2CH_3	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2389	SO_2CH_3	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2390	SO_2CH_3	CH_3	CH_2CHCH_2	OCH_3
A-2391	SO_2CH_3	CH_3	CH_2CCH	CH_3
A-2392	SO_2CH_3	CH_3	CH_2CCH	CH_2CH_3
A-2393	SO_2CH_3	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-2394	SO_2CH_3	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2395	SO_2CH_3	CH_3	CH_2CCH	OCH_3
A-2396	SO_2CH_3	CH_3	$CH_2C_6H_5$	CH_3
A-2397	SO_2CH_3	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-2398	SO_2CH_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2399	SO_2CH_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2400	SO_2CH_3	CH_3	$CH_2C_6H_5$	OCH_3
A-2401	SO_2CH_3	CF_3	CH_3	CH_3

A-2402	SO_2CH_3	CF_3	CH_3	CH_2CH_3
A-2403	SO_2CH_3	CF_3	CH_3	$CH_2CH_2CH_3$
A-2404	SO_2CH_3	CF_3	CH_3	$CH_2CH_2OCH_3$
A-2405	SO_2CH_3	CF_3	CH_3	OCH_3
A-2406	SO_2CH_3	CF_3	CH_2CH_3	CH_3
A-2407	SO_2CH_3	CF_3	CH_2CH_3	CH_2CH_3
A-2408	SO_2CH_3	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2409	SO_2CH_3	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2410	SO_2CH_3	CF_3	CH_2CH_3	OCH_3
A-2411	SO_2CH_3	CF_3	CH_2OCH_3	CH_3
A-2412	SO_2CH_3	CF_3	CH_2OCH_3	CH_2CH_3
A-2413	SO_2CH_3	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2414	SO_2CH_3	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2415	SO_2CH_3	CF_3	CH_2OCH_3	OCH_3
A-2416	SO_2CH_3	CF_3	$CH_2OCH_2CH_3$	CH_3
A-2417	SO_2CH_3	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2418	SO_2CH_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2419	SO_2CH_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2420	SO_2CH_3	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-2421	SO_2CH_3	CF_3	$CH_2(CO)OCH_3$	CH_3
A-2422	SO_2CH_3	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2423	SO_2CH_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2424	SO_2CH_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2425	SO_2CH_3	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-2426	SO_2CH_3	CF_3	CH_2CHCH_2	CH_3
A-2427	SO_2CH_3	CF_3	CH_2CHCH_2	CH_2CH_3
A-2428	SO_2CH_3	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2429	SO_2CH_3	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2430	SO_2CH_3	CF_3	CH_2CHCH_2	OCH_3
A-2431	SO_2CH_3	CF_3	CH_2CCH	CH_3
A-2432	SO_2CH_3	CF_3	CH_2CCH	CH_2CH_3
A-2433	SO_2CH_3	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-2434	SO_2CH_3	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2435	SO_2CH_3	CF_3	CH_2CCH	OCH_3
A-2436	SO_2CH_3	CF_3	$CH_2C_6H_5$	CH_3
A-2437	SO_2CH_3	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-2438	SO_2CH_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2439	SO_2CH_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2440	SO_2CH_3	CF_3	$CH_2C_6H_5$	OCH_3
A-2441	SO_2CH_3	SO_2CH_3	CH_3	CH_3
A-2442	SO_2CH_3	SO_2CH_3	CH_3	CH_2CH_3
A-2443	SO_2CH_3	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-2444	SO_2CH_3	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-2445	SO_2CH_3	SO_2CH_3	CH_3	OCH_3
A-2446	SO_2CH_3	SO_2CH_3	CH_2CH_3	CH_3
A-2447	SO_2CH_3	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-2448	SO_2CH_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2449	SO_2CH_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2450	SO_2CH_3	SO_2CH_3	CH_2CH_3	OCH_3
A-2451	SO_2CH_3	SO_2CH_3	CH_2OCH_3	CH_3
A-2452	SO_2CH_3	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-2453	SO_2CH_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2454	SO_2CH_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2455	SO_2CH_3	SO_2CH_3	CH_2OCH_3	OCH_3
A-2456	SO_2CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-2457	SO_2CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2458	SO_2CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2459	SO_2CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2460	SO_2CH_3	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-2461	SO_2CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-2462	SO_2CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2463	SO_2CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2464	SO_2CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2465	SO_2CH_3	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-2466	SO_2CH_3	SO_2CH_3	CH_2CHCH_2	CH_3
A-2467	SO_2CH_3	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-2468	SO_2CH_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2469	SO_2CH_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2470	SO_2CH_3	SO_2CH_3	CH_2CHCH_2	OCH_3
A-2471	SO_2CH_3	SO_2CH_3	CH_2CCH	CH_3
A-2472	SO_2CH_3	SO_2CH_3	CH_2CCH	CH_2CH_3
A-2473	SO_2CH_3	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-2474	SO_2CH_3	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2475	SO_2CH_3	SO_2CH_3	CH_2CCH	OCH_3
A-2476	SO_2CH_3	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-2477	SO_2CH_3	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-2478	SO_2CH_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2479	SO_2CH_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2480	SO_2CH_3	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-2481	SO_2CH_3	NO_2	CH_3	CH_3
A-2482	SO_2CH_3	NO_2	CH_3	CH_2CH_3
A-2483	SO_2CH_3	NO_2	CH_3	$CH_2CH_2CH_3$
A-2484	SO_2CH_3	NO_2	CH_3	$CH_2CH_2OCH_3$
A-2485	SO_2CH_3	NO_2	CH_3	OCH_3
A-2486	SO_2CH_3	NO_2	CH_2CH_3	CH_3
A-2487	SO_2CH_3	NO_2	CH_2CH_3	CH_2CH_3
A-2488	SO_2CH_3	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-2489	SO_2CH_3	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-2490	SO_2CH_3	NO_2	CH_2CH_3	OCH_3
A-2491	SO_2CH_3	NO_2	CH_2OCH_3	CH_3
A-2492	SO_2CH_3	NO_2	CH_2OCH_3	CH_2CH_3
A-2493	SO_2CH_3	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-2494	SO_2CH_3	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2495	SO_2CH_3	NO_2	CH_2OCH_3	OCH_3
A-2496	SO_2CH_3	NO_2	$CH_2OCH_2CH_3$	CH_3
A-2497	SO_2CH_3	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-2498	SO_2CH_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2499	SO_2CH_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2500	SO_2CH_3	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-2501	SO_2CH_3	NO_2	$CH_2(CO)OCH_3$	CH_3
A-2502	SO_2CH_3	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-2503	SO_2CH_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2504	SO_2CH_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2505	SO_2CH_3	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-2506	SO_2CH_3	NO_2	CH_2CHCH_2	CH_3
A-2507	SO_2CH_3	NO_2	CH_2CHCH_2	CH_2CH_3
A-2508	SO_2CH_3	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2509	SO_2CH_3	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-2510	SO_2CH_3	NO_2	CH_2CHCH_2	OCH_3
A-2511	SO_2CH_3	NO_2	CH_2CCH	CH_3
A-2512	SO_2CH_3	NO_2	CH_2CCH	CH_2CH_3
A-2513	SO_2CH_3	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-2514	SO_2CH_3	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-2515	SO_2CH_3	NO_2	CH_2CCH	OCH_3
A-2516	SO_2CH_3	NO_2	$CH_2C_6H_5$	CH_3
A-2517	SO_2CH_3	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-2518	SO_2CH_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2519	SO_2CH_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2520	SO_2CH_3	NO_2	$CH_2C_6H_5$	OCH_3
A-2521	CF_3	H	CH_3	CH_3
A-2522	CF_3	H	CH_3	CH_2CH_3
A-2523	CF_3	H	CH_3	$CH_2CH_2CH_3$
A-2524	CF_3	H	CH_3	$CH_2CH_2OCH_3$
A-2525	CF_3	H	CH_3	OCH_3
A-2526	CF_3	H	CH_2CH_3	CH_3
A-2527	CF_3	H	CH_2CH_3	CH_2CH_3
A-2528	CF_3	H	CH_2CH_3	$CH_2CH_2CH_3$
A-2529	CF_3	H	CH_2CH_3	$CH_2CH_2OCH_3$
A-2530	CF_3	H	CH_2CH_3	OCH_3
A-2531	CF_3	H	CH_2OCH_3	CH_3
A-2532	CF_3	H	CH_2OCH_3	CH_2CH_3
A-2533	CF_3	H	CH_2OCH_3	$CH_2CH_2CH_3$
A-2534	CF_3	H	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2535	CF_3	H	CH_2OCH_3	OCH_3
A-2536	CF_3	H	$CH_2OCH_2CH_3$	CH_3
A-2537	CF_3	H	$CH_2OCH_2CH_3$	CH_2CH_3
A-2538	CF_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2539	CF_3	H	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2540	CF_3	H	$CH_2OCH_2CH_3$	OCH_3
A-2541	CF_3	H	$CH_2(CO)OCH_3$	CH_3
A-2542	CF_3	H	$CH_2(CO)OCH_3$	CH_2CH_3
A-2543	CF_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2544	CF_3	H	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2545	CF_3	H	$CH_2(CO)OCH_3$	OCH_3

A-2546	CF_3	H	CH_2CHCH_2	CH_3
A-2547	CF_3	H	CH_2CHCH_2	CH_2CH_3
A-2548	CF_3	H	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2549	CF_3	H	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2550	CF_3	H	CH_2CHCH_2	OCH_3
A-2551	CF_3	H	CH_2CCH	CH_3
A-2552	CF_3	H	CH_2CCH	CH_2CH_3
A-2553	CF_3	H	CH_2CCH	$CH_2CH_2CH_3$
A-2554	CF_3	H	CH_2CCH	$CH_2CH_2OCH_3$
A-2555	CF_3	H	CH_2CCH	OCH_3
A-2556	CF_3	H	$CH_2C_6H_5$	CH_3
A-2557	CF_3	H	$CH_2C_6H_5$	CH_2CH_3
A-2558	CF_3	H	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2559	CF_3	H	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2560	CF_3	H	$CH_2C_6H_5$	OCH_3
A-2561	CF_3	F	CH_3	CH_3
A-2562	CF_3	F	CH_3	CH_2CH_3
A-2563	CF_3	F	CH_3	$CH_2CH_2CH_3$
A-2564	CF_3	F	CH_3	$CH_2CH_2OCH_3$
A-2565	CF_3	F	CH_3	OCH_3
A-2566	CF_3	F	CH_2CH_3	CH_3
A-2567	CF_3	F	CH_2CH_3	CH_2CH_3
A-2568	CF_3	F	CH_2CH_3	$CH_2CH_2CH_3$
A-2569	CF_3	F	CH_2CH_3	$CH_2CH_2OCH_3$
A-2570	CF_3	F	CH_2CH_3	OCH_3
A-2571	CF_3	F	CH_2OCH_3	CH_3
A-2572	CF_3	F	CH_2OCH_3	CH_2CH_3
A-2573	CF_3	F	CH_2OCH_3	$CH_2CH_2CH_3$
A-2574	CF_3	F	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2575	CF_3	F	CH_2OCH_3	OCH_3
A-2576	CF_3	F	$CH_2OCH_2CH_3$	CH_3
A-2577	CF_3	F	$CH_2OCH_2CH_3$	CH_2CH_3
A-2578	CF_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2579	CF_3	F	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2580	CF_3	F	$CH_2OCH_2CH_3$	OCH_3
A-2581	CF_3	F	$CH_2(CO)OCH_3$	CH_3

A-2582	CF_3	F	$CH_2(CO)OCH_3$	CH_2CH_3
A-2583	CF_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2584	CF_3	F	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2585	CF_3	F	$CH_2(CO)OCH_3$	OCH_3
A-2586	CF_3	F	CH_2CHCH_2	CH_3
A-2587	CF_3	F	CH_2CHCH_2	CH_2CH_3
A-2588	CF_3	F	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2589	CF_3	F	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2590	CF_3	F	CH_2CHCH_2	OCH_3
A-2591	CF_3	F	CH_2CCH	CH_3
A-2592	CF_3	F	CH_2CCH	CH_2CH_3
A-2593	CF_3	F	CH_2CCH	$CH_2CH_2CH_3$
A-2594	CF_3	F	CH_2CCH	$CH_2CH_2OCH_3$
A-2595	CF_3	F	CH_2CCH	OCH_3
A-2596	CF_3	F	$CH_2C_6H_5$	CH_3
A-2597	CF_3	F	$CH_2C_6H_5$	CH_2CH_3
A-2598	CF_3	F	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2599	CF_3	F	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2600	CF_3	F	$CH_2C_6H_5$	OCH_3
A-2601	CF_3	Cl	CH_3	CH_3
A-2602	CF_3	Cl	CH_3	CH_2CH_3
A-2603	CF_3	Cl	CH_3	$CH_2CH_2CH_3$
A-2604	CF_3	Cl	CH_3	$CH_2CH_2OCH_3$
A-2605	CF_3	Cl	CH_3	OCH_3
A-2606	CF_3	Cl	CH_2CH_3	CH_3
A-2607	CF_3	Cl	CH_2CH_3	CH_2CH_3
A-2608	CF_3	Cl	CH_2CH_3	$CH_2CH_2CH_3$
A-2609	CF_3	Cl	CH_2CH_3	$CH_2CH_2OCH_3$
A-2610	CF_3	Cl	CH_2CH_3	OCH_3
A-2611	CF_3	Cl	CH_2OCH_3	CH_3
A-2612	CF_3	Cl	CH_2OCH_3	CH_2CH_3
A-2613	CF_3	Cl	CH_2OCH_3	$CH_2CH_2CH_3$
A-2614	CF_3	Cl	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2615	CF_3	Cl	CH_2OCH_3	OCH_3
A-2616	CF_3	Cl	$CH_2OCH_2CH_3$	CH_3
A-2617	CF_3	Cl	$CH_2OCH_2CH_3$	CH_2CH_3

A-2618	CF_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2619	CF_3	Cl	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2620	CF_3	Cl	$CH_2OCH_2CH_3$	OCH_3
A-2621	CF_3	Cl	$CH_2(CO)OCH_3$	CH_3
A-2622	CF_3	Cl	$CH_2(CO)OCH_3$	CH_2CH_3
A-2623	CF_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2624	CF_3	Cl	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2625	CF_3	Cl	$CH_2(CO)OCH_3$	OCH_3
A-2626	CF_3	Cl	CH_2CHCH_2	CH_3
A-2627	CF_3	Cl	CH_2CHCH_2	CH_2CH_3
A-2628	CF_3	Cl	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2629	CF_3	Cl	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2630	CF_3	Cl	CH_2CHCH_2	OCH_3
A-2631	CF_3	Cl	CH_2CCH	CH_3
A-2632	CF_3	Cl	CH_2CCH	CH_2CH_3
A-2633	CF_3	Cl	CH_2CCH	$CH_2CH_2CH_3$
A-2634	CF_3	Cl	CH_2CCH	$CH_2CH_2OCH_3$
A-2635	CF_3	Cl	CH_2CCH	OCH_3
A-2636	CF_3	Cl	$CH_2C_6H_5$	CH_3
A-2637	CF_3	Cl	$CH_2C_6H_5$	CH_2CH_3
A-2638	CF_3	Cl	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2639	CF_3	Cl	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2640	CF_3	Cl	$CH_2C_6H_5$	OCH_3
A-2641	CF_3	Br	CH_3	CH_3
A-2642	CF_3	Br	CH_3	CH_2CH_3
A-2643	CF_3	Br	CH_3	$CH_2CH_2CH_3$
A-2644	CF_3	Br	CH_3	$CH_2CH_2OCH_3$
A-2645	CF_3	Br	CH_3	OCH_3
A-2646	CF_3	Br	CH_2CH_3	CH_3
A-2647	CF_3	Br	CH_2CH_3	CH_2CH_3
A-2648	CF_3	Br	CH_2CH_3	$CH_2CH_2CH_3$
A-2649	CF_3	Br	CH_2CH_3	$CH_2CH_2OCH_3$
A-2650	CF_3	Br	CH_2CH_3	OCH_3
A-2651	CF_3	Br	CH_2OCH_3	CH_3
A-2652	CF_3	Br	CH_2OCH_3	CH_2CH_3
A-2653	CF_3	Br	CH_2OCH_3	$CH_2CH_2CH_3$

A-2654	CF_3	Br	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2655	CF_3	Br	CH_2OCH_3	OCH_3
A-2656	CF_3	Br	$CH_2OCH_2CH_3$	CH_3
A-2657	CF_3	Br	$CH_2OCH_2CH_3$	CH_2CH_3
A-2658	CF_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2659	CF_3	Br	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2660	CF_3	Br	$CH_2OCH_2CH_3$	OCH_3
A-2661	CF_3	Br	$CH_2(CO)OCH_3$	CH_3
A-2662	CF_3	Br	$CH_2(CO)OCH_3$	CH_2CH_3
A-2663	CF_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2664	CF_3	Br	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2665	CF_3	Br	$CH_2(CO)OCH_3$	OCH_3
A-2666	CF_3	Br	CH_2CHCH_2	CH_3
A-2667	CF_3	Br	CH_2CHCH_2	CH_2CH_3
A-2668	CF_3	Br	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2669	CF_3	Br	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2670	CF_3	Br	CH_2CHCH_2	OCH_3
A-2671	CF_3	Br	CH_2CCH	CH_3
A-2672	CF_3	Br	CH_2CCH	CH_2CH_3
A-2673	CF_3	Br	CH_2CCH	$CH_2CH_2CH_3$
A-2674	CF_3	Br	CH_2CCH	$CH_2CH_2OCH_3$
A-2675	CF_3	Br	CH_2CCH	OCH_3
A-2676	CF_3	Br	$CH_2C_6H_5$	CH_3
A-2677	CF_3	Br	$CH_2C_6H_5$	CH_2CH_3
A-2678	CF_3	Br	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2679	CF_3	Br	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2680	CF_3	Br	$CH_2C_6H_5$	OCH_3
A-2681	CF_3	CN	CH_3	CH_3
A-2682	CF_3	CN	CH_3	CH_2CH_3
A-2683	CF_3	CN	CH_3	$CH_2CH_2CH_3$
A-2684	CF_3	CN	CH_3	$CH_2CH_2OCH_3$
A-2685	CF_3	CN	CH_3	OCH_3
A-2686	CF_3	CN	CH_2CH_3	CH_3
A-2687	CF_3	CN	CH_2CH_3	CH_2CH_3
A-2688	CF_3	CN	CH_2CH_3	$CH_2CH_2CH_3$
A-2689	CF_3	CN	CH_2CH_3	$CH_2CH_2OCH_3$

A-2690	CF_3	CN	CH_2CH_3	OCH_3
A-2691	CF_3	CN	CH_2OCH_3	CH_3
A-2692	CF_3	CN	CH_2OCH_3	CH_2CH_3
A-2693	CF_3	CN	CH_2OCH_3	$CH_2CH_2CH_3$
A-2694	CF_3	CN	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2695	CF_3	CN	CH_2OCH_3	OCH_3
A-2696	CF_3	CN	$CH_2OCH_2CH_3$	CH_3
A-2697	CF_3	CN	$CH_2OCH_2CH_3$	CH_2CH_3
A-2698	CF_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2699	CF_3	CN	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2700	CF_3	CN	$CH_2OCH_2CH_3$	OCH_3
A-2701	CF_3	CN	$CH_2(CO)OCH_3$	CH_3
A-2702	CF_3	CN	$CH_2(CO)OCH_3$	CH_2CH_3
A-2703	CF_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2704	CF_3	CN	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2705	CF_3	CN	$CH_2(CO)OCH_3$	OCH_3
A-2706	CF_3	CN	CH_2CHCH_2	CH_3
A-2707	CF_3	CN	CH_2CHCH_2	CH_2CH_3
A-2708	CF_3	CN	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2709	CF_3	CN	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2710	CF_3	CN	CH_2CHCH_2	OCH_3
A-2711	CF_3	CN	CH_2CCH	CH_3
A-2712	CF_3	CN	CH_2CCH	CH_2CH_3
A-2713	CF_3	CN	CH_2CCH	$CH_2CH_2CH_3$
A-2714	CF_3	CN	CH_2CCH	$CH_2CH_2OCH_3$
A-2715	CF_3	CN	CH_2CCH	OCH_3
A-2716	CF_3	CN	$CH_2C_6H_5$	CH_3
A-2717	CF_3	CN	$CH_2C_6H_5$	CH_2CH_3
A-2718	CF_3	CN	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2719	CF_3	CN	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2720	CF_3	CN	$CH_2C_6H_5$	OCH_3
A-2721	CF_3	CH_3	CH_3	CH_3
A-2722	CF_3	CH_3	CH_3	CH_2CH_3
A-2723	CF_3	CH_3	CH_3	$CH_2CH_2CH_3$
A-2724	CF_3	CH_3	CH_3	$CH_2CH_2OCH_3$
A-2725	CF_3	CH_3	CH_3	OCH_3

A-2726	CF_3	CH_3	CH_2CH_3	CH_3
A-2727	CF_3	CH_3	CH_2CH_3	CH_2CH_3
A-2728	CF_3	CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2729	CF_3	CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2730	CF_3	CH_3	CH_2CH_3	OCH_3
A-2731	CF_3	CH_3	CH_2OCH_3	CH_3
A-2732	CF_3	CH_3	CH_2OCH_3	CH_2CH_3
A-2733	CF_3	CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2734	CF_3	CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2735	CF_3	CH_3	CH_2OCH_3	OCH_3
A-2736	CF_3	CH_3	$CH_2OCH_2CH_3$	CH_3
A-2737	CF_3	CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2738	CF_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2739	CF_3	CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2740	CF_3	CH_3	$CH_2OCH_2CH_3$	OCH_3
A-2741	CF_3	CH_3	$CH_2(CO)OCH_3$	CH_3
A-2742	CF_3	CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2743	CF_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2744	CF_3	CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2745	CF_3	CH_3	$CH_2(CO)OCH_3$	OCH_3
A-2746	CF_3	CH_3	CH_2CHCH_2	CH_3
A-2747	CF_3	CH_3	CH_2CHCH_2	CH_2CH_3
A-2748	CF_3	CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2749	CF_3	CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2750	CF_3	CH_3	CH_2CHCH_2	OCH_3
A-2751	CF_3	CH_3	CH_2CCH	CH_3
A-2752	CF_3	CH_3	CH_2CCH	CH_2CH_3
A-2753	CF_3	CH_3	CH_2CCH	$CH_2CH_2CH_3$
A-2754	CF_3	CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2755	CF_3	CH_3	CH_2CCH	OCH_3
A-2756	CF_3	CH_3	$CH_2C_6H_5$	CH_3
A-2757	CF_3	CH_3	$CH_2C_6H_5$	CH_2CH_3
A-2758	CF_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2759	CF_3	CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2760	CF_3	CH_3	$CH_2C_6H_5$	OCH_3
A-2761	CF_3	CF_3	CH_3	CH_3

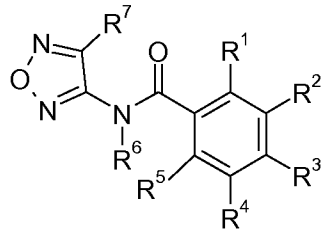
A-2762	CF_3	CF_3	CH_3	CH_2CH_3
A-2763	CF_3	CF_3	CH_3	$CH_2CH_2CH_3$
A-2764	CF_3	CF_3	CH_3	$CH_2CH_2OCH_3$
A-2765	CF_3	CF_3	CH_3	OCH_3
A-2766	CF_3	CF_3	CH_2CH_3	CH_3
A-2767	CF_3	CF_3	CH_2CH_3	CH_2CH_3
A-2768	CF_3	CF_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2769	CF_3	CF_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2770	CF_3	CF_3	CH_2CH_3	OCH_3
A-2771	CF_3	CF_3	CH_2OCH_3	CH_3
A-2772	CF_3	CF_3	CH_2OCH_3	CH_2CH_3
A-2773	CF_3	CF_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2774	CF_3	CF_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2775	CF_3	CF_3	CH_2OCH_3	OCH_3
A-2776	CF_3	CF_3	$CH_2OCH_2CH_3$	CH_3
A-2777	CF_3	CF_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2778	CF_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2779	CF_3	CF_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2780	CF_3	CF_3	$CH_2OCH_2CH_3$	OCH_3
A-2781	CF_3	CF_3	$CH_2(CO)OCH_3$	CH_3
A-2782	CF_3	CF_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2783	CF_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2784	CF_3	CF_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2785	CF_3	CF_3	$CH_2(CO)OCH_3$	OCH_3
A-2786	CF_3	CF_3	CH_2CHCH_2	CH_3
A-2787	CF_3	CF_3	CH_2CHCH_2	CH_2CH_3
A-2788	CF_3	CF_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2789	CF_3	CF_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2790	CF_3	CF_3	CH_2CHCH_2	OCH_3
A-2791	CF_3	CF_3	CH_2CCH	CH_3
A-2792	CF_3	CF_3	CH_2CCH	CH_2CH_3
A-2793	CF_3	CF_3	CH_2CCH	$CH_2CH_2CH_3$
A-2794	CF_3	CF_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2795	CF_3	CF_3	CH_2CCH	OCH_3
A-2796	CF_3	CF_3	$CH_2C_6H_5$	CH_3
A-2797	CF_3	CF_3	$CH_2C_6H_5$	CH_2CH_3

A-2798	CF_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2799	CF_3	CF_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2800	CF_3	CF_3	$CH_2C_6H_5$	OCH_3
A-2801	CF_3	SO_2CH_3	CH_3	CH_3
A-2802	CF_3	SO_2CH_3	CH_3	CH_2CH_3
A-2803	CF_3	SO_2CH_3	CH_3	$CH_2CH_2CH_3$
A-2804	CF_3	SO_2CH_3	CH_3	$CH_2CH_2OCH_3$
A-2805	CF_3	SO_2CH_3	CH_3	OCH_3
A-2806	CF_3	SO_2CH_3	CH_2CH_3	CH_3
A-2807	CF_3	SO_2CH_3	CH_2CH_3	CH_2CH_3
A-2808	CF_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2CH_3$
A-2809	CF_3	SO_2CH_3	CH_2CH_3	$CH_2CH_2OCH_3$
A-2810	CF_3	SO_2CH_3	CH_2CH_3	OCH_3
A-2811	CF_3	SO_2CH_3	CH_2OCH_3	CH_3
A-2812	CF_3	SO_2CH_3	CH_2OCH_3	CH_2CH_3
A-2813	CF_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2CH_3$
A-2814	CF_3	SO_2CH_3	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2815	CF_3	SO_2CH_3	CH_2OCH_3	OCH_3
A-2816	CF_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_3
A-2817	CF_3	SO_2CH_3	$CH_2OCH_2CH_3$	CH_2CH_3
A-2818	CF_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2819	CF_3	SO_2CH_3	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2820	CF_3	SO_2CH_3	$CH_2OCH_2CH_3$	OCH_3
A-2821	CF_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_3
A-2822	CF_3	SO_2CH_3	$CH_2(CO)OCH_3$	CH_2CH_3
A-2823	CF_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2824	CF_3	SO_2CH_3	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2825	CF_3	SO_2CH_3	$CH_2(CO)OCH_3$	OCH_3
A-2826	CF_3	SO_2CH_3	CH_2CHCH_2	CH_3
A-2827	CF_3	SO_2CH_3	CH_2CHCH_2	CH_2CH_3
A-2828	CF_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2829	CF_3	SO_2CH_3	CH_2CHCH_2	$CH_2CH_2OCH_3$
A-2830	CF_3	SO_2CH_3	CH_2CHCH_2	OCH_3
A-2831	CF_3	SO_2CH_3	CH_2CCH	CH_3
A-2832	CF_3	SO_2CH_3	CH_2CCH	CH_2CH_3
A-2833	CF_3	SO_2CH_3	CH_2CCH	$CH_2CH_2CH_3$

A-2834	CF_3	SO_2CH_3	CH_2CCH	$CH_2CH_2OCH_3$
A-2835	CF_3	SO_2CH_3	CH_2CCH	OCH_3
A-2836	CF_3	SO_2CH_3	$CH_2C_6H_5$	CH_3
A-2837	CF_3	SO_2CH_3	$CH_2C_6H_5$	CH_2CH_3
A-2838	CF_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2839	CF_3	SO_2CH_3	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2840	CF_3	SO_2CH_3	$CH_2C_6H_5$	OCH_3
A-2841	CF_3	NO_2	CH_3	CH_3
A-2842	CF_3	NO_2	CH_3	CH_2CH_3
A-2843	CF_3	NO_2	CH_3	$CH_2CH_2CH_3$
A-2844	CF_3	NO_2	CH_3	$CH_2CH_2OCH_3$
A-2845	CF_3	NO_2	CH_3	OCH_3
A-2846	CF_3	NO_2	CH_2CH_3	CH_3
A-2847	CF_3	NO_2	CH_2CH_3	CH_2CH_3
A-2848	CF_3	NO_2	CH_2CH_3	$CH_2CH_2CH_3$
A-2849	CF_3	NO_2	CH_2CH_3	$CH_2CH_2OCH_3$
A-2850	CF_3	NO_2	CH_2CH_3	OCH_3
A-2851	CF_3	NO_2	CH_2OCH_3	CH_3
A-2852	CF_3	NO_2	CH_2OCH_3	CH_2CH_3
A-2853	CF_3	NO_2	CH_2OCH_3	$CH_2CH_2CH_3$
A-2854	CF_3	NO_2	CH_2OCH_3	$CH_2CH_2OCH_3$
A-2855	CF_3	NO_2	CH_2OCH_3	OCH_3
A-2856	CF_3	NO_2	$CH_2OCH_2CH_3$	CH_3
A-2857	CF_3	NO_2	$CH_2OCH_2CH_3$	CH_2CH_3
A-2858	CF_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2CH_3$
A-2859	CF_3	NO_2	$CH_2OCH_2CH_3$	$CH_2CH_2OCH_3$
A-2860	CF_3	NO_2	$CH_2OCH_2CH_3$	OCH_3
A-2861	CF_3	NO_2	$CH_2(CO)OCH_3$	CH_3
A-2862	CF_3	NO_2	$CH_2(CO)OCH_3$	CH_2CH_3
A-2863	CF_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2CH_3$
A-2864	CF_3	NO_2	$CH_2(CO)OCH_3$	$CH_2CH_2OCH_3$
A-2865	CF_3	NO_2	$CH_2(CO)OCH_3$	OCH_3
A-2866	CF_3	NO_2	CH_2CHCH_2	CH_3
A-2867	CF_3	NO_2	CH_2CHCH_2	CH_2CH_3
A-2868	CF_3	NO_2	CH_2CHCH_2	$CH_2CH_2CH_3$
A-2869	CF_3	NO_2	CH_2CHCH_2	$CH_2CH_2OCH_3$

A-2870	CF_3	NO_2	CH_2CHCH_2	OCH_3
A-2871	CF_3	NO_2	CH_2CCH	CH_3
A-2872	CF_3	NO_2	CH_2CCH	CH_2CH_3
A-2873	CF_3	NO_2	CH_2CCH	$CH_2CH_2CH_3$
A-2874	CF_3	NO_2	CH_2CCH	$CH_2CH_2OCH_3$
A-2875	CF_3	NO_2	CH_2CCH	OCH_3
A-2876	CF_3	NO_2	$CH_2C_6H_5$	CH_3
A-2877	CF_3	NO_2	$CH_2C_6H_5$	CH_2CH_3
A-2878	CF_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2CH_3$
A-2879	CF_3	NO_2	$CH_2C_6H_5$	$CH_2CH_2OCH_3$
A-2880	CF_3	NO_2	$CH_2C_6H_5$	OCH_3

Examples of preferred compounds I.B, where X is CR^2, are the individual compounds compiled in Tables 11 to 240 below. Moreover, the meanings mentioned below for the individual variables in the Tables are per se, independently of the combination in which they are mentioned, a particularly preferred embodiment of the substituents in question.



I.B

Table 11: compounds of formula I.B1 (I.B1-1.1 - I.B1-1.2880) in which R^2 is SCH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 12: compounds of formula I.B1 (I.B1-2.1 - I.B1-2.2880) in which R^2 is SCH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 13: compounds of formula I.B1 (I.B1-3.1 - I.B1-3.2880) in which R^2 is SCH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 14: compounds of formula I.B1 (I.B1-4.1 - I.B1-4.2880) in which R^2 is SCH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 15: compounds of formula I.B1 (I.B1-5.1 - I.B1-5.2880) in which R^2 is SCH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 16: compounds of formula I.B1 (I.B1-6.1 - I.B1-6.2880) in which R^2 is SCH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 17: compounds of formula I.B1 (I.B1-7.1 - I.B1-7.2880) in which R^2 is SCH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 18: compounds of formula I.B1 (I.B1-8.1 - I.B1-8.2880) in which R^2 is SCH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 19: compounds of formula I.B1 (I.B1-9.1 - I.B1-9.2880) in which R^2 is SCH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 20: compounds of formula I.B1 (I.B1-10.1 - I.B1-10.2880) in which R^2 is SCH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 21: Compounds of formula I.B2 (I.B2-1.1 - I.B2-1.2880) in which R^2 is SCH_2CH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 22: Compounds of formula I.B2 (I.B2-2.1 - I.B2-2.2880) in which R^2 is SCH_2CH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 23: compounds of formula I.B2 (I.B2-3.1 - I.B2-3.2880) in which R^2 is SCH_2CH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 24: compounds of formula I.B2 (I.B2-4.1 - I.B2-4.2880) in which R^2 is SCH_2CH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 25: compounds of formula I.B2 (I.B2-5.1 - I.B2-5.2880) in which R^2 is SCH_2CH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 26: compounds of formula I.B2 (I.B2-6.1 - I.B2-6.2880) in which R^2 is SCH_2CH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 27: compounds of formula I.B2 (I.B2-7.1 - I.B2-7.2880) in which R^2 is SCH_2CH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 28: compounds of formula I.B2 (I.B2-8.1 - I.B2-8.2880) in which R^2 is SCH_2CH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 29: compounds of formula I.B2 (I.B2-9.1 - I.B2-9.2880) in which R^2 is SCH_2CH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 30: compounds of formula I.B2 (I.B2-10.1 - I.B2-10.2880) in which R^2 is SCH_2CH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 31: compounds of formula I.B3 (I.B3-1.1 - I.B3-1.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 32: compounds of formula I.B3 (I.B3-2.1 - I.B3-2.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 33: compounds of formula I.B3 (I.B3-3.1 - I.B3-3.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 34: compounds of formula I.B3 (I.B3-4.1 - I.B3-4.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 35: compounds of formula I.B3 (I.B3-5.1 - I.B3-5.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 36: compounds of formula I.B3 (I.B3-6.1 - I.B3-6.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 37: compounds of formula I.B3 (I.B3-7.1 - I.B3-7.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 38: compounds of formula I.B3 (I.B3-8.1 - I.B3-8.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 39: compounds of formula I.B3 (I.B3-9.1 - I.B3-9.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 40: compounds of formula I.B3 (I.B3-10.1 - I.B3-10.2880) in which R^2 is $SO_2CH_2CH_3$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 41: compounds of formula I.B4 (I.B4-1.1 - I.B4-1.2880) in which R^2 is $SOCH_3$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 42: compounds of formula I.B4 (I.B4-2.1 - I.B4-2.2880) in which R^2 is $SOCH_3$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 43: compounds of formula I.B4 (I.B4-3.1 - I.B4-3.2880) in which R^2 is $SOCH_3$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 44: compounds of formula I.B4 (I.B4-4.1 - I.B4-4.2880) in which R^2 is $SOCH_3$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 45: compounds of formula I.B4 (I.B4-5.1 - I.B4-5.2880) in which R^2 is $SOCH_3$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 46: compounds of formula I.B4 (I.B4-6.1 - I.B4-6.2880) in which R^2 is $SOCH_3$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 47: compounds of formula I.B4 (I.B4-7.1 - I.B4-7.2880) in which R^2 is $SOCH_3$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 48: compounds of formula I.B4 (I.B4-8.1 - I.B4-8.2880) in which R^2 is $SOCH_3$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 49: compounds of formula I.B4 (I.B4-9.1 - I.B4-9.2880) in which R^2 is $SOCH_3$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 50: compounds of formula I.B4 (I.B4-10.1 - I.B4-10.2880) in which R^2 is $SOCH_3$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 51: compounds of formula I.B5 (I.B5-1.1 - I.B5-1.2880) in which R^2 is $SOCH_2CH_3$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 52: compounds of formula I.B5 (I.B5-2.1 - I.B5-2.2880) in which R^2 is $SOCH_2CH_3$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 53: compounds of formula I.B5 (I.B5-3.1 - I.B5-3.2880) in which R^2 is $SOCH_2CH_3$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 54: compounds of formula I.B5 (I.B5-4.1 - I.B5-4.2880) in which R^2 is $SOCH_2CH_3$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 55: compounds of formula I.B5 (I.B5-5.1 - I.B5-5.2880) in which R^2 is $SOCH_2CH_3$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 56: compounds of formula I.B5 (I.B5-6.1 - I.B5-6.2880) in which R^2 is $SOCH_2CH_3$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 57: compounds of formula I.B5 (I.B5-7.1 - I.B5-7.2880) in which R^2 is $SOCH_2CH_3$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 58: compounds of formula I.B5 (I.B5-8.1 - I.B5-8.2880) in which R^2 is $SOCH_2CH_3$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 59: compounds of formula I.B5 (I.B5-9.1 - I.B5-9.2880) in which R^2 is $SOCH_2CH_3$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 60: compounds of formula I.B5 (I.B5-10.1 - I.B5-10.2880) in which R^2 is $SOCH_2CH_3$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 61: compounds of formula I.B6 (I.B6-1.1 - I.B6-1.2880) in which R^2 is OCH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 62: compounds of formula I.B6 (I.B6-2.1 - I.B6-2.2880) in which R^2 is OCH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 63: compounds of formula I.B6 (I.B6-3.1 - I.B6-3.2880) in which R^2 is OCH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 64: compounds of formula I.B6 (I.B6-4.1 - I.B6-4.2880) in which R^2 is OCH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 65: compounds of formula I.B6 (I.B6-5.1 - I.B6-5.2880) in which R^2 is OCH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 66: compounds of formula I.B6 (I.B6-6.1 - I.B6-6.2880) in which R^2 is OCH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 67: compounds of formula I.B6 (I.B6-7.1 - I.B6-7.2880) in which R^2 is OCH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 68: compounds of formula I.B6 (I.B6-8.1 - I.B6-8.2880) in which R^2 is OCH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 69: compounds of formula I.B6 (I.B6-9.1 - I.B6-9.2880) in which R^2 is OCH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 70: compounds of formula I.B6 (I.B6-10.1 - I.B6-10.2880) in which R^2 is OCH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 71: Compounds of formula I.B7 (I.B7-1.1 - I.B7-1.2880) in which R^2 is OCH_2CH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 72: compounds of formula I.B7 (I.B7-2.1 - I.B7-2.2880) in which R^2 is OCH_2CH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 73: compounds of formula I.B7 (I.B7-3.1 - I.B7-3.2880) in which R^2 is OCH_2CH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 74: compounds of formula I.B7 (I.B7-4.1 - I.B7-4.2880) in which R^2 is OCH_2CH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 75: compounds of formula I.B7 (I.B7-5.1 - I.B7-5.2880) in which R^2 is OCH_2CH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 76: compounds of formula I.B7 (I.B7-6.1 - I.B7-6.2880) in which R^2 is OCH_2CH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 77: compounds of formula I.B7 (I.B7-7.1 - I.B7-7.2880) in which R^2 is OCH_2CH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 78: compounds of formula I.B7 (I.B7-8.1 - I.B7-8.2880) in which R^2 is OCH_2CH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 79: compounds of formula I.B7 (I.B7-9.1 - I.B7-9.2880) in which R^2 is OCH_2CH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 80: compounds of formula I.B7 (I.B7-10.1 - I.B7-10.2880) in which R^2 is OCH_2CH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 81: compounds of formula I.B8 (I.B8-1.1 - I.B8-1.2880) in which R^2 is $OCHF_2$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 82: compounds of formula I.B8 (I.B8-2.1 - I.B8-2.2880) in which R^2 is $OCHF_2$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 83: compounds of formula I.B8 (I.B8-3.1 - I.B8-3.2880) in which R^2 is $OCHF_2$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 84: compounds of formula I.B8 (I.B8-4.1 - I.B8-4.2880) in which R^2 is $OCHF_2$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 85: compounds of formula I.B8 (I.B8-5.1 - I.B8-5.2880) in which R^2 is $OCHF_2$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 86: compounds of formula I.B8 (I.B8-6.1 - I.B8-6.2880) in which R^2 is $OCHF_2$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 87: compounds of formula I.B8 (I.B8-7.1 - I.B8-7.2880) in which R^2 is $OCHF_2$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 88: compounds of formula I.B8 (I.B8-8.1 - I.B8-8.2880) in which R^2 is $OCHF_2$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 89: compounds of formula I.B8 (I.B8-9.1 - I.B8-9.2880) in which R^2 is $OCHF_2$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 90: compounds of formula I.B8 (I.B8-10.1 - I.B8-10.2880) in which R^2 is $OCHF_2$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 91: compounds of formula I.B9 (I.B9-1.1 - I.B9-1.2880) in which R^2 is OCH_2CF_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 92: compounds of formula I.B9 (I.B9-2.1 - I.B9-2.2880) in which R^2 is OCH_2CF_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 93: compounds of formula I.B9 (I.B9-3.1 - I.B9-3.2880) in which R^2 is OCH_2CF_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 94: compounds of formula I.B9 (I.B9-4.1 - I.B9-4.2880) in which R^2 is OCH_2CF_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 95: compounds of formula I.B9 (I.B9-5.1 - I.B9-5.2880) in which R^2 is OCH_2CF_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 96: compounds of formula I.B9 (I.B9-6.1 - I.B9-6.2880) in which R^2 is OCH_2CF_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 97: compounds of formula I.B9 (I.B9-7.1 - I.B9-7.2880) in which R^2 is OCH_2CF_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 98: compounds of formula I.B9 (I.B9-8.1 - I.B9-8.2880) in which R^2 is OCH_2CF_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 99: compounds of formula I.B9 (I.B9-9.1 - I.B9-9.2880) in which R^2 is OCH_2CF_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 100: compounds of formula I.B9 (I.B9-10.1 - I.B9-10.2880) in which R^2 is OCH_2CF_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 101: Compounds of formula I.B10 (I.B10-1.1 - I.B10-1.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 102: compounds of formula I.B10 (I.B10-2.1 - I.B10-2.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 103: compounds of formula I.B10 (I.B10-3.1 - I.B10-3.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 104: compounds of formula I.B10 (I.B10-4.1 - I.B10-4.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 105: compounds of formula I.B10 (I.B10-5.1 - I.B10-5.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 106: compounds of formula I.B10 (I.B10-6.1 - I.B10-6.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 107: compounds of formula I.B10 (I.B10-7.1 - I.B10-7.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 108: compounds of formula I.B10 (I.B10-8.1 - I.B10-8.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 109: compounds of formula I.B10 (I.B10-9.1 - I.B10-9.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 110: compounds of formula I.B10 (I.B10-10.1 - I.B10-10.2880) in which R^2 is $OCH_2CH_2OCH_3$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 111: compounds of formula I.B11 (I.B11-1.1 - I.B11-1.2880) in which R^2 is H, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 112: compounds of formula I.B11 (I.B11-2.1 - I.B11-2.2880) in which R^2 is H, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 113: compounds of formula I.B11 (I.B11-3.1 - I.B11-3.2880) in which R^2 is H, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 114: compounds of formula I.B11 (I.B11-4.1 - I.B11-4.2880) in which R^2 is H, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 115: compounds of formula I.B11 (I.B11-5.1 - I.B11-5.2880) in which R^2 is H, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 116: compounds of formula I.B11 (I.B11-6.1 - I.B11-6.2880) in which R^2 is H, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 117: compounds of formula I.B11 (I.B11-7.1 - I.B11-7.2880) in which R^2 is H, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 118: compounds of formula I.B11 (I.B11-8.1 - I.B11-8.2880) in which R^2 is H, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 119: compounds of formula I.B11 (I.B11-9.1 - I.B11-9.2880) in which R^2 is H, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 120: compounds of formula I.B11 (I.B11-10.1 - I.B11-10.2880) in which R^2 is H, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 121: compounds of formula I.B12 (I.B12-1.1 - I.B12-1.2880) in which R^2 is SO_2CH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 122: compounds of formula I.B12 (I.B12-2.1 - I.B12-2.2880) in which R^2 is SO_2CH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 123: compounds of formula I.B12 (I.B12-3.1 - I.B12-3.2880) in which R^2 is SO_2CH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 124: compounds of formula I.B12 (I.B12-4.1 - I.B12-4.2880) in which R^2 is SO_2CH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 125: compounds of formula I.B12 (I.B12-5.1 - I.B12-5.2880) in which R^2 is SO_2CH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 126: compounds of formula I.B12 (I.B12-6.1 - I.B12-6.2880) in which R^2 is SO_2CH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 127: compounds of formula I.B12 (I.B12-7.1 - I.B12-7.2880) in which R^2 is SO_2CH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 128: compounds of formula I.B12 (I.B12-8.1 - I.B12-8.2880) in which R^2 is SO_2CH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 129: compounds of formula I.B12 (I.B12-9.1 - I.B12-9.2880) in which R^2 is SO_2CH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 130: compounds of formula I.B12 (I.B12-10.1 - I.B12-10.2880) in which R^2 is SO_2CH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 131: compounds of formula I.B13 (I.B13-1.1 - I.B13-1.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 132: compounds of formula I.B13 (I.B13-2.1 - I.B13-2.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 133: compounds of formula I.B13 (I.B13-3.1 - I.B13-3.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 134: compounds of formula I.B13 (I.B13-4.1 - I.B13-4.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 135: compounds of formula I.B13 (I.B13-5.1 - I.B13-5.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 136: compounds of formula I.B13 (I.B13-6.1 - I.B13-6.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 137: compounds of formula I.B13 (I.B13-7.1 - I.B13-7.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 138: compounds of formula I.B13 (I.B13-8.1 - I.B13-8.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 139: compounds of formula I.B13 (I.B13-9.1 - I.B13-9.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 140: compounds of formula I.B13 (I.B13-10.1 - I.B13-10.2880) in which R^2 is $CH_2OCH_2CF_3$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 141: Compounds of formula I.B14 (I.B14-1.1 - I.B14-1.2880) in which R^2 is isoxazolin-3-yl, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 142: compounds of formula I.B14 (I.B14-2.1 - I.B14-2.2880) in which R^2 is isoxazolin-3-yl, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 143: compounds of formula I.B14 (I.B14-3.1 - I.B14-3.2880) in which R^2 is isoxazolin-3-yl, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 144: compounds of formula I.B14 (I.B14-4.1 - I.B14-4.2880) in which R^2 is isoxazolin-3-yl, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 145: compounds of formula I.B14 (I.B14-5.1 - I.B14-5.2880) in which R^2 is isoxazolin-3-yl, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 146: compounds of formula I.B14 (I.B14-6.1 - I.B14-6.2880) in which R^2 is isoxazolin-3-yl, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 147: compounds of formula I.B14 (I.B14-7.1 - I.B14-7.2880) in which R^2 is isoxazolin-3-yl, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 148: compounds of formula I.B14 (I.B14-8.1 - I.B14-8.2880) in which R^2 is isoxazolin-3-yl, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 149: compounds of formula I.B14 (I.B14-9.1 - I.B14-9.2880) in which R^2 is isoxazolin-3-yl, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 150: compounds of formula I.B14 (I.B14-10.1 - I.B14-10.2880) in which R^2 is isoxazolin-3-yl, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 151: compounds of formula I.B15 (I.B15-1.1 - I.B15-1.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 152: compounds of formula I.B15 (I.B15-2.1 - I.B15-2.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 153: compounds of formula I.B15 (I.B15-3.1 - I.B15-3.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 154: compounds of formula I.B15 (I.B15-4.1 - I.B15-4.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 155: compounds of formula I.B15 (I.B15-5.1 - I.B15-5.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 156: compounds of formula I.B15 (I.B15-6.1 - I.B15-6.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 157: compounds of formula I.B15 (I.B15-7.1 - I.B15-7.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 158: compounds of formula I.B15 (I.B15-8.1 - I.B15-8.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 159: compounds of formula I.B15 (I.B15-9.1 - I.B15-9.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 160: compounds of formula I.B15 (I.B15-10.1 - I.B15-10.2880) in which R^2 is 5-methyl-isoxazolin-3-yl, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 161: compounds of formula I.B16 (I.B16-1.1 - I.B16-1.2880) in which R^2 is isoxazol-3-yl, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 162: compounds of formula I.B16 (I.B16-2.1 - I.B16-2.2880) in which R^2 is isoxazol-3-yl, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 163: compounds of formula I.B16 (I.B16-3.1 - I.B16-3.2880) in which R^2 is isoxazol-3-yl, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 164: compounds of formula I.B16 (I.B16-4.1 - I.B16-4.2880) in which R^2 is isoxazol-3-yl, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 165: compounds of formula I.B16 (I.B16-5.1 - I.B16-5.2880) in which R^2 is isoxazol-3-yl, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 166: compounds of formula I.B16 (I.B16-6.1 - I.B16-6.2880) in which R^2 is isoxazol-3-yl, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 167: compounds of formula I.B16 (I.B16-7.1 - I.B16-7.2880) in which R^2 is isoxazol-3-yl, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 168: compounds of formula I.B16 (I.B16-8.1 - I.B16-8.2880) in which R^2 is isoxazol-3-yl, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 169: compounds of formula I.B16 (I.B16-9.1 - I.B16-9.2880) in which R^2 is isoxazol-3-yl, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 170: compounds of formula I.B16 (I.B16-10.1 - I.B16-10.2880) in which R^2 is isoxazol-3-yl, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 171: compounds of formula I.B17 (I.B17-1.1 - I.B17-1.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 172: compounds of formula I.B17 (I.B17-2.1 - I.B17-2.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 173: compounds of formula I.B17 (I.B17-3.1 - I.B17-3.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 174: compounds of formula I.B17 (I.B17-4.1 - I.B17-4.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 175: compounds of formula I.B17 (I.B17-5.1 - I.B17-5.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 176: compounds of formula I.B17 (I.B17-6.1 - I.B17-6.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 177: compounds of formula I.B17 (I.B17-7.1 - I.B17-7.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 178: compounds of formula I.B17 (I.B17-8.1 - I.B17-8.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 179: compounds of formula I.B17 (I.B17-9.1 - I.B17-9.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 180: compounds of formula I.B17 (I.B17-10.1 - I.B17-10.2880) in which R^2 is 5-methyl-isoxazol-3-yl, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 181: compounds of formula I.B18 (I.B18-1.1 - I.B18-1.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 182: compounds of formula I.B18 (I.B18-2.1 - I.B18-2.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 183: compounds of formula I.B18 (I.B18-3.1 - I.B18-3.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 184: compounds of formula I.B18 (I.B18-4.1 - I.B18-4.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 185: compounds of formula I.B18 (I.B18-5.1 - I.B18-5.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 186: compounds of formula I.B18 (I.B18-6.1 - I.B18-6.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 187: compounds of formula I.B18 (I.B18-7.1 - I.B18-7.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 188: compounds of formula I.B18 (I.B18-8.1 - I.B18-8.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 189: compounds of formula I.B18 (I.B18-9.1 - I.B18-9.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 190: compounds of formula I.B18 (I.B18-10.1 - I.B18-10.2880) in which R^2 is 3-methyl-isoxazolin-5-yl, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 191: Compounds of formula I.B19 (I.B19-1.1 - I.B19-1.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 192: compounds of formula I.B19 (I.B19-2.1 - I.B19-2.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 193: compounds of formula I.B19 (I.B19-3.1 - I.B19-3.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 194: compounds of formula I.B19 (I.B19-4.1 - I.B19-4.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 195: compounds of formula I.B19 (I.B19-5.1 - I.B19-5.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 196: compounds of formula I.B19 (I.B19-6.1 - I.B19-6.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 197: compounds of formula I.B19 (I.B19-7.1 - I.B19-7.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 198: compounds of formula I.B19 (I.B19-8.1 - I.B19-8.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 199: compounds of formula I.B19 (I.B19-9.1 - I.B19-9.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 200: compounds of formula I.B19 (I.B19-10.1 - I.B19-10.2880) in which R^2 is 3-methyl-isoxazol-5-yl, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 201: compounds of formula I.B20 (I.B20-1.1 - I.B20-1.2880) in which R^2 is CH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 202: compounds of formula I.B20 (I.B20-2.1 - I.B20-2.2880) in which R^2 is CH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 203: compounds of formula I.B20 (I.B20-3.1 - I.B20-3.2880) in which R^2 is CH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 204: compounds of formula I.B20 (I.B20-4.1 - I.B20-4.2880) in which R^2 is CH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 205: compounds of formula I.B20 (I.B20-5.1 - I.B20-5.2880) in which R^2 is CH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 206: compounds of formula I.B20 (I.B20-6.1 - I.B20-6.2880) in which R^2 is CH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 207: compounds of formula I.B20 (I.B20-7.1 - I.B20-7.2880) in which R^2 is CH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 208: compounds of formula I.B20 (I.B20-8.1 - I.B20-8.2880) in which R^2 is CH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 209: compounds of formula I.B20 (I.B20-9.1 - I.B20-9.2880) in which R^2 is CH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 210: compounds of formula I.B20 (I.B20-10.1 - I.B20-10.2880) in which R^2 is CH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 211: compounds of formula I.B21 (I.B21-1.1 - I.B21-1.2880) in which R^2 is CH_2OCH_3, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 212: compounds of formula I.B21 (I.B21-2.1 - I.B21-2.2880) in which R^2 is CH_2OCH_3, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 213: compounds of formula I.B21 (I.B21-3.1 - I.B21-3.2880) in which R^2 is CH_2OCH_3, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 214: compounds of formula I.B21 (I.B21-4.1 - I.B21-4.2880) in which R^2 is CH_2OCH_3, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 215: compounds of formula I.B21 (I.B21-5.1 - I.B21-5.2880) in which R^2 is CH_2OCH_3, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 216: compounds of formula I.B21 (I.B21-6.1 - I.B21-6.2880) in which R^2 is CH_2OCH_3, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 217: compounds of formula I.B21 (I.B21-7.1 - I.B21-7.2880) in which R^2 is CH_2OCH_3, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 218: compounds of formula I.B21 (I.B21-8.1 - I.B21-8.2880) in which R^2 is CH_2OCH_3, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 219: compounds of formula I.B21 (I.B21-9.1 - I.B21-9.2880) in which R^2 is CH_2OCH_3, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 220: compounds of formula I.B21 (I.B21-10.1 - I.B21-10.2880) in which R^2 is CH_2OCH_3, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 221: compounds of formula I.B22 (I.B22-1.1 - I.B22-1.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 222: compounds of formula I.B22 (I.B22-2.1 - I.B22-2.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 223: compounds of formula I.B22 (I.B22-3.1 - I.B22-3.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 224: compounds of formula I.B22 (I.B22-4.1 - I.B22-4.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 225: compounds of formula I.B22 (I.B22-5.1 - I.B22-5.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 226: compounds of formula I.B22 (I.B22-6.1 - I.B22-6.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 227: compounds of formula I.B22 (I.B22-7.1 - I.B22-7.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 228: compounds of formula I.B22 (I.B22-8.1 - I.B22-8.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 229: compounds of formula I.B22 (I.B22-9.1 - I.B22-9.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 230: compounds of formula I.B22 (I.B22-10.1 - I.B22-10.2880) in which R^2 is $OCH_2CH(CH_2)_2$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 231: compounds of formula I.B23 (I.B23-1.1 - I.B23-1.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is H and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 232: compounds of formula I.B23 (I.B23-2.1 - I.B23-2.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is H and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 233: compounds of formula I.B23 (I.B23-3.1 - I.B23-3.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is F and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 234: compounds of formula I.B23 (I.B23-4.1 - I.B23-4.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is F and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 235: compounds of formula I.B23 (I.B23-5.1 - I.B23-5.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is Cl and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 236: compounds of formula I.B23 (I.B23-6.1 - I.B23-6.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is Cl and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 237: compounds of formula I.B23 (I.B23-7.1 - I.B23-7.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is CN and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 238: compounds of formula I.B23 (I.B23-8.1 - I.B23-8.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is CN and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

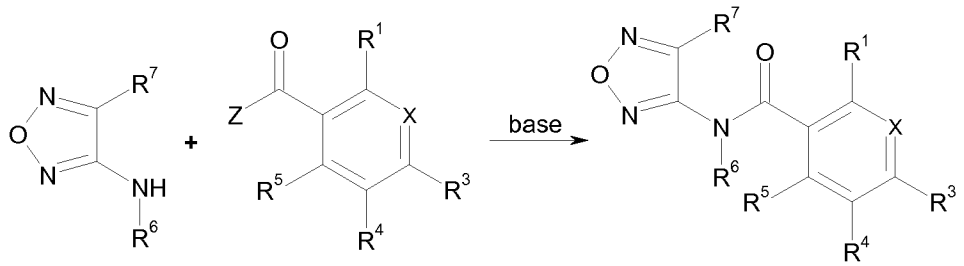
Table 239: compounds of formula I.B23 (I.B23-9.1 - I.B23-9.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is CH_3 and R^5 is F and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

Table 240: compounds of formula I.B23 (I.B23-10.1 - I.B23-10.2880) in which R^2 is $NCH_3SO_2CH_3$, R^4 is CH_3 and R^5 is Cl and the combination of R^1, R^3, R^6 and R^7 for a compound corresponds in each case to one row of Table A;

The compounds of the formula I can be prepared by standard methods of organic chemistry, e.g. by the methods described hereinafter in schemes 1 to 5. The substituents, variables and indices in schemes 1 to 5 are as defined above for formula I, if not otherwise specified.

The compounds of formula (I) can be prepared for instance as shown in the Scheme 1 below.

Scheme 1:

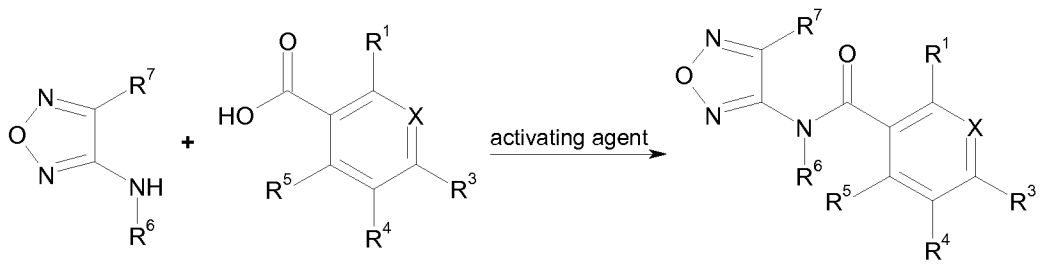


III II I

4-Amino-1,2,5-oxadiazole compounds of formula III can be reacted with benzoyl derivatives of formula II to afford compounds of the formula I. Z is a leaving group, such as halogen, in particular Cl, an anhydride residue or an active ester residue. Especially in case of Z being halogen the reaction is suitably carried out in the presence of a base. Suitable bases are for example carbonates, such as lithium, sodium or potassium carbonates, amines, such as trimethylamine or triethylamine, and basic N-heterocycles, such as pyridine, 2,6-dimethylpyridine or 2,4,6-trimethylpyridine. Suitable solvents are in particular aprotic solvents such as pentane, hexane, heptane, octane, cyclohexane, dichloromethane, chloroform, 1,2-dichlorethane, benzene, chlorobenzene, toluene, the xylenes, dichlorobenzene, trimethylbenzene, pyridine, 2,6-dimethylpyridine, 2,4,6-trimethylpyridine, acetonitrile, diethyl ether, tetrahydrofuran, 2-methyl tetrahydrofuran, methyl tert-butylether, 1,4-dioxane, N,N-dimethyl formamide, N-methyl pyrrolidinone or mixtures thereof. The starting materials are generally reacted with one another in equimolar or nearly equimolar amounts at a reaction temperature usually in the range of -20°C to 100°C and preferably in the range of -5°C to 50°C.

Alternatively, compounds of formula (I) can also be prepared as shown in Scheme 2. Reaction of a 4-amino-1,2,5-oxadiazole compound III with a benzoic acid derivative of formula IV yields compound I. The reaction is preferably carried in the presence of a suitable activating agent which converts the acid group of compound IV into an activated ester or amide. For this purpose activating agents known in the art, such as 1,1',carbonyldiimidazole (CDI), dicyclohexyl carbodiimide (DCC), 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide (EDC) or 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphorinane-2,4,6-trioxide (T3P) can be employed. The activated ester or amide can be formed, depending in particular on the specific activating agent used, either in situ by contacting compound IV with the activating agent in the presence of compound III, or in a separate step prior to the reaction with compound III. It may be advantageous, especially in cases where DCC or EDC are used as activating agent, to include further additives in the activating reaction, such as hydroxybenzotriazole (HOBt), nitrophenol, pentafluorophenol, 2,4,5-trichlorophenol or N-hydroxysuccinimide. It may further be advantageous to prepare the activated ester or amide in the presence of a base, for example a tertiary amine. The activated ester or amide is either in situ or subsequently reacted with the amine of formula III to afford the amide of formula I. The reaction normally takes place in anhydrous inert solvents, such as chlorinated hydrocarbons, e.g. dichloromethane or dichloroethane, ethers, e.g. tetrahydrofuran or 1,4-dioxane or carboxamides, e.g. N,N-dimethylformamide, N,N-dimethylacetamide or N-methylpyrrolidone. The reaction is ordinarily carried out at temperatures in the range from -20°C to +25°C.

Scheme 2:

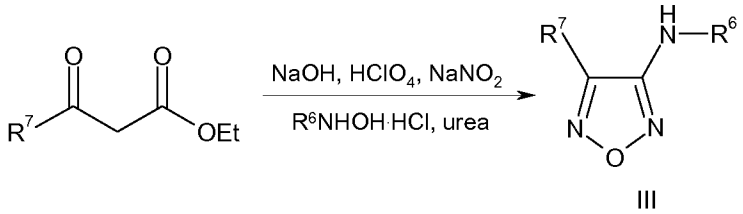


III IV I

The compounds of formula II and their respective benzoic acid precursors of formula IV can be obtained by purchase or can be prepared by processes known in the art or disclosed in the literature, e.g. in WO 9746530, WO 9831676, WO 9831681, WO 2002/018352, WO 2000/003988, US 2007/0191335, US 6277847.

The 4-amino-1,2,5-oxadiazole compounds of the formula III are either commercially available or are obtainable according to methods known from the literature. For example, 3-alkyl-4-amino-1,2,5-oxadiazoles can be prepared from β-ketoesters pursuant to a procedure described in Russian Chemical Bulletin, Int. Ed., 54(4), 1032-1037 (2005), as depicted in Scheme 3.

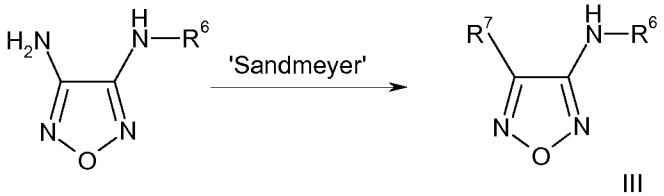
Scheme 3:



III

As shown in Scheme 4, the compounds of the formula III, where R^7 is halogen, can be prepared from commercially available 3,4-diamino-1,2,5-oxadiazole according to procedures described in the literature, e.g. by the Sandmeyer-type reaction disclosed in Heteroatom Chemistry, 15(3), 199-207 (2004).

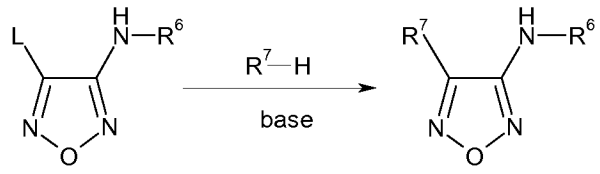
Scheme 4:



III

As shown in Scheme 5, the compounds of the formula III, where R^7 is a nucleophilic residue, can be prepared by introducing the nucleophilic residue via the substitution of a leaving group L, e.g. halogene, in the 4-position of the 1,2,5-oxadiazoles compounds of formula V in accordance to precedures disclosed, for example in Journal of Chemical Research, Synopses (6), 190 (1985), in Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (9), 2086-8 (1986) or in Russian Chemical Bulletin (Translation of Izvestiya Akademii Nauk, Seriya Khimicheskaya), 53(3), 596-614 (2004).

Scheme 5:



V III

As a rule, the compounds of formula I including their stereoisomers, salts, tautomers and N-oxides, and their precursors in the synthesis process, can be prepared by the methods described above. If individual compounds can not be prepared via the above-described routes, they can be prepared by derivatization of other compounds I or the respective precursor or by customary modifications of the synthesis routes described. For example, in individual cases, certain compounds of formula I can advantageously be prepared from other compounds of formula I by derivatization, e.g. by ester hydrolysis, amidation, esterification, ether cleavage, olefination, reduction, oxidation and the like, or by customary modifications of the synthesis routes described.

The reaction mixtures are worked up in the customary manner, for example by mixing with water, separating the phases, and, if appropriate, purifying the crude products by chromatography, for example on alumina or on silica gel. Some of the intermediates and end products may be obtained in the form of colorless or pale brown viscous oils which are freed or purified from volatile components under reduced pressure and at moderately elevated temperature. If the intermediates and end products are obtained as solids, they may be purified by recrystallization or trituration.

The compounds of formula I and their agriculturally suitable salts are useful as herbicides. They are useful as such or as an appropriately formulated composition. The herbicidal compositions comprising the compound I, in particular the preferred aspects thereof, control vegetation on non-crop areas very efficiently, especially at high rates of application. They act against broad-leaved weeds and weed grasses in crops such as wheat, rice, corn, soybeans and cotton without causing any significant damage to the crop plants. This effect is mainly observed at low rates of application.

Depending on the application method in question, the compounds of formula I, in particular the preferred aspects thereof, or compositions comprising them can additionally be employed in a further number of crop plants for eliminating unwanted plants. Examples of suitable crops are the following:

Allium cepa, Ananas comosus, Arachis hypogaea, Asparagus officinalis, Avena sativa, Beta vulgaris spec. altissima, Beta vulgaris spec. rapa, Brassica napus var. napus, Brassica napus var. napobrassica, Brassica rapa var. silvestris, Brassica oleracea, Brassica nigra, Camellia sinensis, Carthamus tinctorius, Carya illinoinensis, Citrus limon, Citrus sinensis, Coffea arabica (Coffea canephora, Coffea liberica), Cucumis sativus, Cynodon dactylon, Daucus carota, Elaeis guineensis, Fragaria vesca, Glycine max, Gossypium hirsutum, (Gossypium arboreum, Gossypium herbaceum, Gossypium vitifolium), Helianthus annuus, Hevea brasiliensis, Hordeum vulgare, Humulus lupulus, Ipomoea batatas, Juglans regia, Lens culinaris, Linum usitatissimum, Lycopersicon lycopersicum, Malus spec., Manihot esculenta, Medicago sativa, Musa spec., Nicotiana tabacum (N.rustica), Olea europaea, Oryza sativa, Phaseolus lunatus, Phaseolus vulgaris, Picea abies, Pinus spec., Pistacia vera, Pisum sativum, Prunus avium, Prunus persica, Pyrus communis, Prunus armeniaca, Prunus cerasus, Prunus dulcis and Prunus domestica, Ribes sylvestre, Ricinus communis, Saccharum officinarum, Secale cereale, Sinapis alba, Solanum tuberosum, Sorghum bicolor (s. vulgare), Theobroma cacao, Trifolium pratense, Triticum aestivum, Triticale, Triticum durum, Vicia faba, Vitis vinifera, Zea mays.

The term "crop plants" also includes plants which have been modified by breeding, mutagenesis or genetic engineering. Genetically modified plants are plants whose genetic material has been modified in a manner which does not occur under natural conditions by crossing, mutations or natural recombination (i.e. reassembly of the genetic information). Here, in general, one or more genes are integrated into the genetic material of the plant to improve the properties of the plant.

Accordingly, the term "crop plants" also includes plants which, by breeding and genetic engineering, have acquired tolerance to certain classes of herbicides, such as hydroxyphenylpyruvate dioxygenase (HPPD) inhibitors, acetolactate synthase (ALS) inhibitors, such as, for example, sulfonylureas (EP-A-0257993, US 5,013,659) or imidazolinones (see, for example, US 6,222,100, WO 01/82685, WO 00/26390, WO 97/41218, WO 98/02526, WO 98/02527, WO 04/106529, WO 05/20673, WO 03/14357, WO 03/13225, WO 03/14356, WO 04/16073), enolpyruvylshikimate 3-phosphate synthase (EPSPS) inhibitors, such as, for example, glyphosate (see, for example, WO 92/00377), glutamine synthetase (GS) inhibitors, such as, for example, glufosinate (see, for example, EP-A-0242236, EP-A-242246), or oxynil herbicides (see, for example, US 5,559,024).

Numerous crop plants, for example Clearfield® oilseed rape, tolerant to imidazolinones, for example imazamox, have been generated with the aid of classic breeding methods (mutagenesis). Crop plants such as soybeans, cotton, corn, beet and oilseed rape, resistant to glyphosate or glufosinate, which are available under the tradenames RoundupReady® (glyphosate) and Liberty Link® (glufosinate) have been generated with the aid of genetic engineering methods.

Accordingly, the term "crop plants" also includes plants which, with the aid of genetic engineering, produce one or more toxins, for example those of the bacterial strain *Bacillus* ssp. Toxins which are produced by such genetically modified plants include, for example, insecticidal proteins of *Bacillus* spp., in particular *B. thuringiensis*, such as the endotoxins Cry1Ab, Cry1Ac, Cry1F, Cry1Fa2, Cry2Ab, Cry3A, Cry3Bb1, Cry9c, Cry34Ab1 or Cry35Ab1; or vegetative insecticidal proteins (VIPs), for example VIP1, VIP2, VIP3, or VIP3A; insecticidal proteins of nematode-colonizing bacteria, for example *Photorhabdus* spp. or *Xenorhabdus* spp.; toxins of animal organisms, for example wasp, spider or scorpion toxins; fungal toxins, for example from Streptomycetes; plant lectins, for example from peas or barley; agglutinins; proteinase inhibitors, for example trypsin inhibitors, serine protease inhibitors, patatin, cystatin or papain inhibitors, ribosome-inactivating proteins (RIPs), for example ricin, corn-RIP, abrin, luffin, saporin or bryodin; steroid-metabolizing enzymes, for example 3-hydroxysteroid oxidase, ecdysteroid-IDP glycosyl transferase, cholesterol oxidase, ecdysone inhibitors, or HMG-CoA reductase; ion channel blockers, for example inhibitors of sodium channels or calcium channels; juvenile hormone esterase; receptors of the diuretic hormone (helicokinin receptors); stilbene synthase, bibenzyl synthase, chitinases and glucanases. In the plants, these toxins may also be produced as pretoxins, hybrid proteins or truncated or otherwise modified proteins. Hybrid proteins are characterized by a novel combination of different protein domains (see, for example, WO 2002/015701). Further examples of such toxins or genetically modified plants which produce these toxins are disclosed in EP-A 374 753, WO 93/007278, WO 95/34656, EP-A 427 529, EP-A 451 878, WO 03/018810 and WO 03/052073. The methods for producing these genetically modified plants are known to the person skilled in the art and disclosed, for example, in the publications mentioned above. Numerous of the toxins mentioned above bestow, upon the plants by which they are produced, tolerance to pests from all taxonomic classes of arthropods, in par-

ticular to beetles (Coeleropta), dipterans (Diptera) and butterflies (Lepidoptera) and to nematodes (Nematoda).

Genetically modified plants which produce one or more genes coding for insecticidal toxins are described, for example, in the publications mentioned above, and some of them are commercially available, such as, for example, YieldGard® (corn varieties producing the toxin Cry1Ab), YieldGard® Plus (corn varieties which produce the toxins Cry1Ab and Cry3Bb1), Starlink® (corn varieties which produce the toxin Cry9c), Herculex® RW (corn varieties which produce the toxins Cry34Ab1, Cry35Ab1 and the enzyme phosphinothricin-N-acetyltransferase [PAT]); NuCOTN® 33B (cotton varieties which produce the toxin Cry1Ac), Bollgard® I (cotton varieties which produce the toxin Cry1Ac), Bollgard® II (cotton varieties which produce the toxins Cry1Ac and Cry2Ab2); VIPCOT® (cotton varieties which produce a VIP toxin); NewLeaf® (potato varieties which produce the toxin Cry3A); Bt-Xtra®, NatureGard®, KnockOut®, BiteGard®, Protecta®, Bt11 (for example Agrisure® CB) and Bt176 from Syngenta Seeds SAS, France (corn varieties which produce the toxin Cry1Ab and the PAT enyzme), MIR604 from Syngenta Seeds SAS, France (corn varieties which produce a modified version of the toxin Cry3A, see WO 03/018810), MON 863 from Monsanto Europe S.A., Belgium (corn varieties which produce the toxin Cry3Bb1), IPC 531 from Monsanto Europe S.A., Belgium (cotton varieties which produce a modified version of the toxin Cry1Ac) and 1507 from Pioneer Overseas Corporation, Belgium (corn varieties which produce the toxin Cry1F and the PAT enzyme).

Accordingly, the term "crop plants" also includes plants which, with the aid of genetic engineering, produce one or more proteins which are more robust or have increased resistance to bacterial, viral or fungal pathogens, such as, for example, pathogenesis-related proteins (PR proteins, see EP-A 0 392 225), resistance proteins (for example potato varieties producing two resistance genes against *Phytophthora infestans* from the wild Mexican potato *Solanum bulbocastanum*) or T4 lysozyme (for example potato cultivars which, by producing this protein, are resistant to bacteria such as *Erwinia amylvora*).

Accordingly, the term "crop plants" also includes plants whose productivity has been improved with the aid of genetic engineering methods, for example by enhancing the potential yield (for example biomass, grain yield, starch, oil or protein content), tolerance to drought, salt or other limiting environmental factors or resistance to pests and fungal, bacterial and viral pathogens.

The term "crop plants" also includes plants whose ingredients have been modified with the aid of genetic engineering methods in particular for improving human or animal diet, for example by oil plants producing health-promoting long-chain omega 3 fatty acids or monounsaturated omega 9 fatty acids (for example Nexera® oilseed rape).

The term "crop plants" also includes plants which have been modified with the aid of genetic engineering methods for improving the production of raw materials, for example by increasing the amylopectin content of potatoes (Amflora® potato).

Furthermore, it has been found that the compounds of formula I are also suitable for the defoliation and/or desiccation of plant parts, for which crop plants such as cotton, potato, oilseed rape, sunflower, soybean or field beans, in particular cotton, are suitable. In this regard,

there have been found compositions for the desiccation and/or defoliation of plants, processes for preparing these compositions and methods for desiccating and/or defoliating plants using the compounds of formula I.

As desiccants, the compounds of formula I are particularly suitable for desiccating the above-ground parts of crop plants such as potato, oilseed rape, sunflower and soybean, but also cereals. This makes possible the fully mechanical harvesting of these important crop plants.

Also of economic interest is to facilitate harvesting, which is made possible by concentrating within a certain period of time the dehiscence, or reduction of adhesion to the tree, in citrus fruit, olives and other species and varieties of pomaceous fruit, stone fruit and nuts. The same mechanism, i.e. the promotion of the development of abscission tissue between fruit part or leaf part and shoot part of the plants is also essential for the readily controllable defoliation of useful plants, in particular cotton.

Moreover, a shortening of the time interval in which the individual cotton plants mature leads to an increased fiber quality after harvesting.

The compounds of formula I, or the herbicidal compositions comprising the compounds of formula I, can be used, for example, in the form of ready-to-spray aqueous solutions, powders, suspensions, also highly concentrated aqueous, oily or other suspensions or dispersions, emulsions, oil dispersions, pastes, dusts, materials for broadcasting, or granules, by means of spraying, atomizing, dusting, spreading, watering or treatment of the seed or mixing with the seed. The use forms depend on the intended purpose; in each case, they should ensure the finest possible distribution of the active ingredients according to the invention.

The herbicidal compositions comprise a herbicidally effective amount of at least one compound of the formula I or an agriculturally useful salt of I, and auxiliaries which are customary for the formulation of crop protection agents.

Examples of auxiliaries customary for the formulation of crop protection agents are inert auxiliaries, solid carriers, surfactants (such as dispersants, protective colloids, emulsifiers, wetting agents and tackifiers), organic and inorganic thickeners, bactericides, antifreeze agents, antifoams, if appropriate colorants and, for seed formulations, adhesives.

Examples of thickeners (i.e. compounds which impart to the formulation modified flow properties, i.e. high viscosity in the state of rest and low viscosity in motion) are polysaccharides, such as xanthan gum (Kelzan® from Kelco), Rhodopol® 23 (Rhone Poulenc) or Veegum® (from R.T. Vanderbilt), and also organic and inorganic sheet minerals, such as Attaclay® (from Engelhardt).

Examples of antifoams are silicone emulsions (such as, for example, Silikon® SRE, Wacker or Rhodorsil® from Rhodia), long-chain alcohols, fatty acids, salts of fatty acids, organofluorine compounds and mixtures thereof.

Bactericides can be added for stabilizing the aqueous herbicidal formulation. Examples of bactericides are bactericides based on diclorophen and benzyl alcohol hemiformal (Proxel® from ICI or Acticide® RS from Thor Chemie and Kathon® MK from Rohm & Haas), and also isothiazolinone derivates, such as alkylisothiazolinones and benzisothiazolinones (Acticide MBS

from Thor Chemie).

Examples of antifreeze agents are ethylene glycol, propylene glycol, urea or glycerol.

Examples of colorants are both sparingly water-soluble pigments and water-soluble dyes. Examples which may be mentioned are the dyes known under the names Rhodamin B, C.I. Pigment Red 112 and C.I. Solvent Red 1, and also pigment blue 15:4, pigment blue 15:3, pigment blue 15:2, pigment blue 15:1, pigment blue 80, pigment yellow 1, pigment yellow 13, pigment red 112, pigment red 48:2, pigment red 48:1, pigment red 57:1, pigment red 53:1, pigment orange 43, pigment orange 34, pigment orange 5, pigment green 36, pigment green 7, pigment white 6, pigment brown 25, basic violet 10, basic violet 49, acid red 51, acid red 52, acid red 14, acid blue 9, acid yellow 23, basic red 10, basic red 108.

Examples of adhesives are polyvinylpyrrolidone, polyvinyl acetate, polyvinyl alcohol and tylose.

Suitable inert auxiliaries are, for example, the following:

mineral oil fractions of medium to high boiling point, such as kerosene and diesel oil, furthermore coal tar oils and oils of vegetable or animal origin, aliphatic, cyclic and aromatic hydrocarbons, for example paraffin, tetrahydronaphthalene, alkylated naphthalenes and their derivatives, alkylated benzenes and their derivatives, alcohols such as methanol, ethanol, propanol, butanol and cyclohexanol, ketones such as cyclohexanone or strongly polar solvents, for example amines such as N-methylpyrrolidone, and water.

Solid carriers are mineral earths such as silicas, silica gels, silicates, talc, kaolin, limestone, lime, chalk, bole, loess, clay, dolomite, diatomaceous earth, calcium sulfate, magnesium sulfate and magnesium oxide, ground synthetic materials, fertilizers such as ammonium sulfate, ammonium phosphate, ammonium nitrate and ureas, and products of vegetable origin, such as cereal meal, tree bark meal, wood meal and nutshell meal, cellulose powders, or other solid carriers.

Suitable surfactants (adjuvants, wetting agents, tackifiers, dispersants and also emulsifiers) are the alkali metal salts, alkaline earth metal salts and ammonium salts of aromatic sulfonic acids, for example lignosulfonic acids (e.g. Borrespers-types, Borregaard), phenolsulfonic acids, naphthalenesulfonic acids (Morwet types, Akzo Nobel) and dibutylnaphthalenesulfonic acid (Nekal types, BASF SE), and of fatty acids, alkyl- and alkylarylsulfonates, alkyl sulfates, lauryl ether sulfates and fatty alcohol sulfates, and salts of sulfated hexa-, hepta- and octadecanols, and also of fatty alcohol glycol ethers, condensates of sulfonated naphthalene and its derivatives with formaldehyde, condensates of naphthalene or of the naphthalenesulfonic acids with phenol and formaldehyde, polyoxyethylene octylphenol ether, ethoxylated isooctyl-, octyl- or nonylphenol, alkylphenyl or tributylphenyl polyglycol ether, alkylaryl polyether alcohols, isotridecyl alcohol, fatty alcohol/ethylene oxide condensates, ethoxylated castor oil, polyoxyethylene alkyl ethers or polyoxypropylene alkyl ethers, lauryl alcohol polyglycol ether acetate, sorbitol esters, lignosulfite waste liquors and proteins, denatured proteins, polysaccharides (e.g. methylcellulose), hydrophobically modified starches, polyvinyl alcohol (Mowiol types Clariant), polycarboxylates (BASF SE, Sokalan types), polyalkoxylates, polyvinylamine (BASF SE, Lupamine types), polyethyleneimine (BASF SE,

Lupasol types), polyvinylpyrrolidone and copolymers thereof.

Powders, materials for broadcasting and dusts can be prepared by mixing or grinding the active ingredients together with a solid carrier.

Granules, for example coated granules, impregnated granules and homogeneous granules, can be prepared by binding the active ingredients to solid carriers.

Aqueous use forms can be prepared from emulsion concentrates, suspensions, pastes, wettable powders or water-dispersible granules by adding water. To prepare emulsions, pastes or oil dispersions, the compounds of formula I or Ia, either as such or dissolved in an oil or solvent, can be homogenized in water by means of a wetting agent, tackifier, dispersant or emulsifier. Alternatively, it is also possible to prepare concentrates comprising active substance, wetting agent, tackifier, dispersant or emulsifier and, if desired, solvent or oil, which are suitable for dilution with water.

The concentrations of the compounds of formula I in the ready-to-use preparations can be varied within wide ranges. In general, the formulations comprise from 0.001 to 98% by weight, preferably 0.01 to 95% by weight of at least one active compound. The active compounds are employed in a purity of from 90% to 100%, preferably 95% to 100% (according to NMR spectrum).

The formulations or ready-to-use preparations may also comprise acids, bases or buffer systems, suitable examples being phosphoric acid or sulfuric acid, or urea or ammonia.

The compounds of formula I of the invention can for example be formulated as follows:

1. Products for dilution with water

A. Water-soluble concentrates

10 parts by weight of active compound are dissolved in 90 parts by weight of water or a water-soluble solvent. As an alternative, wetters or other adjuvants are added. The active compound dissolves upon dilution with water. This gives a formulation with an active compound content of 10% by weight.

B. Dispersible concentrates

20 parts by weight of active compound are dissolved in 70 parts by weight of cyclohexanone with addition of 10 parts by weight of a dispersant, for example polyvinylpyrrolidone. Dilution with water gives a dispersion. The active compound content is 20% by weight.

C. Emulsifiable concentrates

15 parts by weight of active compound are dissolved in 75 parts by weight of an organic solvent (e.g. alkylaromatics) with addition of calcium dodecylbenzenesulfonate and castor oil ethoxylate (in each case 5 parts by weight). Dilution with water gives an emulsion. The formulation has an active compound content of 15% by weight.

D . Emulsions

25 parts by weight of active compound are dissolved in 35 parts by weight of an organic solvent (e.g. alkylaromatics) with addition of calcium dodecylbenzenesulfonate and castor oil ethoxylate (in each case 5 parts by weight). This mixture is introduced into 30 parts by weight of water by means of an emulsifier (e.g. Ultraturrax) and made into a homogeneous emulsion. Di-

lution with water gives an emulsion. The formulation has an active compound content of 25% by weight.

E . Suspensions

In an agitated ball mill, 20 parts by weight of active compound are comminuted with addition of 10 parts by weight of dispersants and wetters and 70 parts by weight of water or an organic solvent to give a fine active compound suspension. Dilution with water gives a stable suspension of the active compound. The active compound content in the formulation is 20% by weight.

F. Water-dispersible granules and water-soluble granules

50 parts by weight of active compound are ground finely with addition of 50 parts by weight of dispersants and wetters and made into water-dispersible or water-soluble granules by means of technical appliances (for example extrusion, spray tower, fluidized bed). Dilution with water gives a stable dispersion or solution of the active compound. The formulation has an active compound content of 50% by weight.

G. Water-dispersible powders and water-soluble powders

75 parts by weight of active compound are ground in a rotor-stator mill with addition of 25 parts by weight of dispersants, wetters and silica gel. Dilution with water gives a stable dispersion or solution of the active compound. The active compound content of the formulation is 75% by weight.

H . Gel formulations

In a ball mill, 20 parts by weight of active compound, 10 parts by weight of dispersant, 1 part by weight of gelling agent and 70 parts by weight of water or of an organic solvent are ground to give a fine suspension. Dilution with water gives a stable suspension with active compound content of 20% by weight.

2. Products to be applied undiluted

I . Dusts

5 parts by weight of active compound are ground finely and mixed intimately with 95 parts by weight of finely divided kaolin. This gives a dusting powder with an active compound content of 5% by weight.

J. Granules (GR, FG, GG, MG)

0.5 parts by weight of active compound are ground finely and associated with 99.5 parts by weight of carriers. Current methods here are extrusion, spray-drying or the fluidized bed. This gives granules to be applied undiluted with an active compound content of 0.5% by weight.

K . ULV solutions (UL)

10 parts by weight of active compound are dissolved in 90 parts by weight of an organic solvent, for example xylene. This gives a product to be applied undiluted with an active compound content of 10% by weight.

The compounds of formula I or the herbicidal compositions comprising them can be applied pre- or post-emergence, or together with the seed of a crop plant. It is also possible to apply the herbicidal compositions or active compounds by applying seed, pretreated with the herbicidal compositions or active compounds, of a crop plant. If the active compounds are less

well tolerated by certain crop plants, application techniques may be used in which the herbicidal compositions are sprayed, with the aid of the spraying equipment, in such a way that as far as possible they do not come into contact with the leaves of the sensitive crop plants, while the active compounds reach the leaves of undesirable plants growing underneath, or the bare soil surface (post-directed, lay-by).

In a further embodiment, the compounds of formula I or the herbicidal compositions can be applied by treating seed.

The treatment of seed comprises essentially all procedures familiar to the person skilled in the art (seed dressing, seed coating, seed dusting, seed soaking, seed film coating, seed multi-layer coating, seed encrusting, seed dripping and seed pelleting) based on the compounds of formula I according to the invention or the compositions prepared therefrom. Here, the herbicidal compositions can be applied diluted or undiluted.

The term seed comprises seed of all types, such as, for example, corns, seeds, fruits, tubers, cuttings and similar forms. Here, preferably, the term seed describes corns and seeds.

The seed used can be seed of the useful plants mentioned above, but also the seed of transgenic plants or plants obtained by customary breeding methods.

The rates of application of active compound are from 0.001 to 3.0, preferably 0.01 to 1.0, kg/ha of active substance (a.s.), depending on the control target, the season, the target plants and the growth stage. To treat the seed, the compounds of formula I are generally employed in amounts of from 0.001 to 10 kg per 100 kg of seed.

It may also be advantageous to use the compounds of formula I in combination with safeners. Safeners are chemical compounds which prevent or reduce damage to useful plants without substantially affecting the herbicidal action of the compounds of formula I on unwanted plants. They can be used both before sowing (for example in the treatment of seed, or on cuttings or seedlings) and before or after the emergence of the useful plant. The safeners and the compounds of formula I can be used simultaneously or in succession.

Suitable safeners are, for example, (quinolin-8-oxy)acetic acids, 1-phenyl-5-haloalkyl-1*H*-1,2,4-triazole-3-carboxylic acids, 1-phenyl-4,5-dihydro-5-alkyl-1*H*-pyrazole-3,5-dicarboxylic acids, 4,5-dihydro-5,5-diaryl-3-isoxazolecarboxylic acids, dichloroacetamides, alpha-oximinophenylacetonitriles, acetophenone oximes, 4,6-dihalo-2-phenylpyrimidines, N-[[4-(aminocarbonyl)phenyl]sulfonyl]-2-benzamides, 1,8-naphthalic anhydride, 2-halo-4-(haloalkyl)-5-thiazolecarboxylic acids, phosphorothiolates and O-phenyl N-alkylcarbamates and their agriculturally useful salts and, provided that they have an acid function, their agriculturally useful derivatives, such as amides, esters and thioesters.

To broaden the activity spectrum and to obtain synergistic effects, the compounds of the formula I can be mixed and jointly applied with numerous representatives of other herbicidal or growth-regulating groups of active compounds or with safeners. Suitable mixing partners are, for example, 1,2,4-thiadiazoles, 1,3,4-thiadiazoles, amides, aminophosphoric acid and its derivatives, aminotriazoles, anilides, aryloxy/heteroaryloxyalkanoic acids and their derivatives, benzoic acid and its derivatives, benzothiadiazinones, 2-(hetaroyl/aroyl)-1,3-cyclohexanediones, heteroaryl aryl ketones, benzylisoxazolidinones, meta-CF_3-phenyl derivatives, carbamates,

quinoline carboxylic acid and its derivatives, chloroacetanilides, cyclohexenone oxime ether derivates, diazines, dichloropropionic acid and its derivatives, dihydrobenzofurans, dihydrofuran-3-ones, dinitroanilines, dinitrophenols, diphenyl ethers, dipyridyls, halocarboxylic acids and their derivatives, ureas, 3-phenyluracils, imidazoles, imidazolinones, N-phenyl-3,4,5,6-tetrahydrophthalimides, oxadiazoles, oxiranes, phenols, aryloxy- and heteroaryloxyphenoxypropionic esters, phenylacetic acid and its derivatives, 2-phenylpropionic acid and its derivatives, pyrazoles, phenylpyrazoles, pyridazines, pyridinecarboxylic acid and its derivatives, pyrimidyl ethers, sulfonamides, sulfonylureas, triazines, triazinones, triazolinones, triazolecarboxamides, uracils and also phenylpyrazolines and isoxazolines and their derivatives.

Moreover, it may be useful to apply the compounds of formula I alone or in combination with other herbicides or else also mixed with further crop protection agents, jointly, for example with compositions for controlling pests or phytopathogenic fungi or bacteria. Also of interest is the miscibility with mineral salt solutions which are employed for alleviating nutritional and trace element deficiencies. Other additives such as nonphytotoxic oils and oil concentrates may also be added.

Examples of herbicides which can be used in combination with the compounds of formula I according to the present invention are:

b1) from the group of the lipid biosynthesis inhibitors:

alloxydim, alloxydim-sodium, butroxydim, clethodim, clodinafop, clodinafop-propargyl, cycloxydim, cyhalofop, cyhalofop-butyl, diclofop, diclofop-methyl, fenoxaprop, fenoxaprop-ethyl, fenoxaprop-P, fenoxaprop-P-ethyl, fluazifop, fluazifop-butyl, fluazifop-P, fluazifop-P-butyl, haloxyfop, haloxyfop-methyl, haloxyfop-P, haloxyfop-P-methyl, metamifop, pinoxaden, profoxydim, propaquizafop, quizalofop, quizalofop-ethyl, quizalofop-tefuryl, quizalofop-P, quizalofop-P-ethyl, quizalofop-P-tefuryl, sethoxydim, tepraloxydim, tralkoxydim, benfuresate, butylate, cycloate, dalapon, dimepiperate, EPTC, esprocarb, ethofumesate, flupropanate, molinate, orbencarb, pebulate, prosulfocarb, TCA, thiobencarb, tiocarbazil, triallate and vernolate;

b2) from the group of the ALS inhibitors:

amidosulfuron, azimsulfuron, bensulfuron, bensulfuron-methyl, bispyribac, bispyribac-sodium, chlorimuron, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cloransulam, cloransulam-methyl, cyclosulfamuron, diclosulam, ethametsulfuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, florasulam, flucarbazone, flucarbazone-sodium, flucetosulfuron, flumetsulam, flupyrsulfuron, flupyrsulfuron-methyl-sodium, foramsulfuron, halosulfuron, halosulfuron-methyl, imazamethabenz, imazamethabenz-methyl, imazamox, imazapic, imazapyr, imazaquin, imazethapyr, imazosulfuron, iodosulfuron, iodosulfuron-methyl-sodium, mesosulfuron, metosulam, metsulfuron, metsulfuron-methyl, nicosulfuron, orthosulfamuron, oxasulfuron, penoxsulam, primisulfuron, primisulfuron-methyl, propoxycarbazone, propoxycarbazone-sodium, prosulfuron, pyrazosulfuron, pyrazosulfuron-ethyl, pyribenzoxim, pyrimisulfan, pyriftalid, pyriminobac, pyriminobac-methyl, pyrithiobac, pyrithiobac-sodium, pyroxsulam, rimsulfuron, sulfometuron, sulfometuron-methyl, sulfosulfuron, thiencarbazone, thiencarbazone-methyl, thifensulfuron, thifensulfuron-methyl, triasulfuron, tribenuron, tribenuron-methyl, trifloxysulfuron, triflusulfuron, triflusulfuron-methyl and tritosulfuron;

b3) from the group of the photosynthesis inhibitors:

ametryn, amicarbazone, atrazine, bentazone, bentazone-sodium, bromacil, bromofenoxim, bromoxynil and its salts and esters, chlorobromuron, chloridazone, chlorotoluron, chloroxuron, cyanazine, desmedipham, desmetryn, dimefuron, dimethametryn, diquat, diquat-dibromide, diuron, fluometuron, hexazinone, ioxynil and its salts and esters, isoproturon, isouron, karbutilate, lenacil, linuron, metamitron, methabenzthiazuron, metobenzuron, metoxuron, metribuzin, monolinuron, neburon, paraquat, paraquat-dichloride, paraquat-dimetilsulfate, pentanochlor, phenmedipham, phenmedipham-ethyl, prometon, prometryn, propanil, propazine, pyridafol, pyridate, siduron, simazine, simetryn, tebuthiuron, terbacil, terbumeton, terbuthylazine, terbutryn, thidiazuron and trietazine;

b4) from the group of the protoporphyrinogen-IX oxidase inhibitors:

acifluorfen, acifluorfen-sodium, azafenidin, bencarbazone, benzfendizone, bifenox, butafenacil, carfentrazone, carfentrazone-ethyl, chlomethoxyfen, cinidon-ethyl, fluazolate, flufenpyr, flufenpyr-ethyl, flumiclorac, flumiclorac-pentyl, flumioxazin, fluoroglycofen, fluoroglycofen-ethyl, fluthiacet, fluthiacet-methyl, fomesafen, halosafen, lactofen, oxadiargyl, oxadiazon, oxyfluorfen, pentoxazone, profluazol, pyraclonil, pyraflufen, pyraflufen-ethyl, saflufenacil, sulfentrazone, thidiazimin, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2*H*)-pyrimidinyl]-4-fluoro-N-[(isopropyl)methylsulfamoyl]benzamide (H-1; CAS 372137-35-4), ethyl [3-[2-chloro-4-fluoro-5-(1-methyl-6-trifluoromethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-3-yl)phenoxy]-2-pyridyloxy]acetate (H-2; CAS 353292-31-6), N-ethyl-3-(2,6-dichloro-4-trifluoromethylphenoxy)-5-methyl-1*H*-pyrazole-1-carboxamide (H-3; CAS 452098-92-9), N-tetrahydrofurfuryl-3-(2,6-dichloro-4-trifluoromethylphenoxy)-5-methyl-1*H*-pyrazole-1-carboxamide (H-4; CAS 915396-43-9), N-ethyl-3-(2-chloro-6-fluoro-4-trifluoromethylphenoxy)-5-methyl-1*H*-pyrazole-1-carboxamide (H-5; CAS 452099-05-7), N-tetrahydrofurfuryl-3-(2-chloro-6-fluoro-4-trifluoromethylphenoxy)-5-methyl-1*H*-pyrazole-1-carboxamide (H-6; CAS 45100-03-7), 3-[7-fluoro-3-oxo-4-(prop-2-ynyl)-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl]-1,5-dimethyl-6-thioxo-[1,3,5]triazinan-2,4-dione, 1,5-dimethyl-6-thioxo-3-(2,2,7-trifluoro-3-oxo-4-(prop-2-ynyl)-3,4-dihydro-2H-benzo[b][1,4]oxazin-6-yl)-1,3,5-triazinane-2,4-dione, 2-(2,2,7-Trifluoro-3-oxo-4-prop-2-ynyl-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl)-4,5,6,7-tetrahydro-isoindole-1,3-dione and 1-Methyl-6-trifluoromethyl-3-(2,2,7-trifluoro-3-oxo-4-prop-2-ynyl-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl)-1H-pyrimidine-2,4-dione;

b5) from the group of the bleacher herbicides:

aclonifen, amitrol, beflubutamid, benzobicyclon, benzofenap, clomazone, diflufenican, fluridone, flurochloridone, flurtamone, isoxaflutole, mesotrione, norflurazon, picolinafen, pyrasulfutole, pyrazolynate, pyrazoxyfen, sulcotrione, tefuryltrione, tembotrione, topramezone, 4-hydroxy-3-[[2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)-3-pyridyl]carbonyl]bicyclo[3.2.1]oct-3-en-2-one (H-7; CAS 352010-68-5) and 4-(3-trifluoromethylphenoxy)-2-(4-trifluoromethylphenyl)pyrimidine (H-8; CAS 180608-33-7);

b6) from the group of the EPSP synthase inhibitors:

glyphosate, glyphosate-isopropylammonium and glyphosate-trimesium (sulfosate);

b7) from the group of the glutamine synthase inhibitors:

bilanaphos (bialaphos), bilanaphos-sodium, glufosinate and glufosinate-ammonium;

b8) from the group of the DHP synthase inhibitors:

asulam;

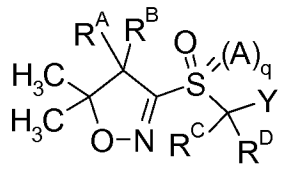
b9) from the group of the mitose inhibitors:

amiprophos, amiprophos-methyl, benfluralin, butamiphos, butralin, carbetamide, chlorpropham, chlorthal, chlorthal-dimethyl, dinitramine, dithiopyr, ethalfluralin, fluchloralin, oryzalin, pendimethalin, prodiamine, propham, propyzamide, tebutam, thiazopyr and trifluralin;

b10) from the group of the VLCFA inhibitors:

acetochlor, alachlor, anilofos, butachlor, cafenstrole, dimethachlor, dimethanamid, dimethenamid-P, diphenamid, fentrazamide, flufenacet, mefenacet, metazachlor, metolachlor, metolachlor-S, naproanilide, napropamide, pethoxamid, piperophos, pretilachlor, propachlor, propisochlor, pyroxasulfone (KIH-485) and thenylchlor;

Compounds of the formula 2:

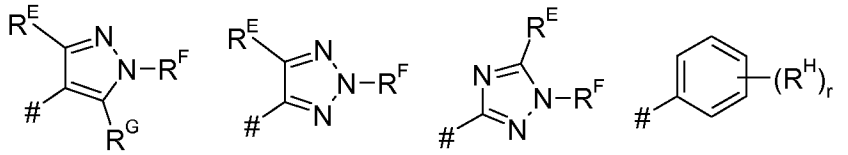


2

in which the variables have the following meanings:

Y is phenyl or 5- or 6-membered heteroaryl as defined at the outset, which radicals may be substituted by one to three groups R^{aa}; R^A,R^B,R^C,R^D are H, halogen or C_1-C_4-alkyl; A is O or NH; q is 0 or 1.

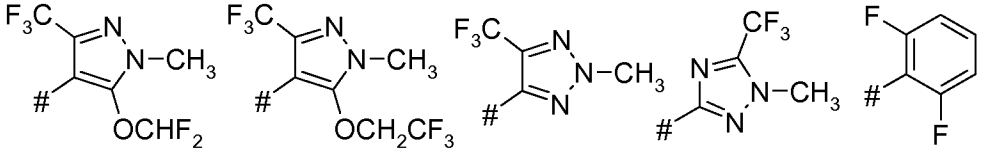
Compounds of the formula 2 have in particular the following meanings:

Y is  ,

where # denotes the bond to the skeleton of the molecule; and

R^A,R^B,R^C,R^D are H, Cl, F or CH_3; R^E is halogen, C_1-C_4-alkyl or C_1-C_4-haloalkyl; R^F is C_1-C_4-alkyl; R^G is halogen, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy; R^H is H, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl or C_1-C_4-haloalkoxy; r is 0, 1, 2 or 3; A is oxygen; q is 0 or 1.

Preferred compounds of the formula 2 have the following meanings:

Y is 

R^A is H; R^B,R^C are F; R^{24} is H or F; A is oxygen; q is 0 or 1.

Particularly preferred compounds of the formula 2 are:

3-[5-(2,2-difluoroethoxy)-1-methyl-3-trifluoromethyl-1H-pyrazol-4-ylmethanesulfonyl]-4-fluoro-5,5-dimethyl-4,5-dihydroisoxazole (2-1); 3-{[5-(2,2-difluoroethoxy)-1-methyl-3-

trifluoromethyl-1H-pyrazol-4-yl]fluoromethanesulfonyl}-5,5-dimethyl-4,5-dihydroisoxazole (2-2); 4-(4-fluoro-5,5-dimethyl-4,5-dihydroisoxazole-3-sulfonylmethyl)-2-methyl-5-trifluoromethyl-2H-[1,2,3]triazole (2-3); 4-[(5,5-dimethyl-4,5-dihydroisoxazole-3-sulfonyl)fluoromethyl]-2-methyl-5-trifluoromethyl-2H-[1,2,3]triazole (2-4); 4-(5,5-dimethyl-4,5-dihydroisoxazole-3-sulfonylmethyl)-2-methyl-5-trifluoromethyl-2H-[1,2,3]triazole (2-5); 3-{[5-(2,2-difluoroethoxy)-1-methyl-3-trifluoromethyl-1H-pyrazol-4-yl]difluoromethanesulfonyl}-5,5-dimethyl-4,5-dihydroisoxazole (2-6); 4-[(5,5-dimethyl-4,5-dihydroisoxazole-3-sulfonyl)difluoromethyl]-2-methyl-5-trifluoromethyl-2H-[1,2,3]triazole (2-7); 3-{[5-(2,2-difluoroethoxy)-1-methyl-3-trifluoromethyl-1H-pyrazol-4-yl]difluoromethanesulfonyl}-4-fluoro-5,5-dimethyl-4,5-dihydroisoxazole (2-8); 4-[difluoro-(4-fluoro-5,5-dimethyl-4,5-dihydroisoxazole-3-sulfonyl)methyl]-2-methyl-5-trifluoromethyl-2H-[1,2,3]triazole (2-9);

b11) from the group of the cellulose biosynthesis inhibitors:
chlorthiamid, dichlobenil, flupoxam and isoxaben;

b12) from the group of the decoupler herbicides:
dinoseb, dinoterb and DNOC and its salts;

b13) from the group of the auxin herbicides:
2,4-D and its salts and esters, 2,4-DB and its salts and esters, aminopyralid and its salts such as aminopyralid-tris(2-hydroxypropyl)ammonium and its esters, benazolin, benazolin-ethyl, chloramben and its salts and esters, clomeprop, clopyralid and its salts and esters, dicamba and its salts and esters, dichlorprop and its salts and esters, dichlorprop-P and its salts and esters, fluroxypyr, fluroxypyr-butometyl, fluroxypyr-meptyl, MCPA and its salts and esters, MCPA-thioethyl, MCPB and its salts and esters, mecoprop and its salts and esters, mecoprop-P and its salts and esters, picloram and its salts and esters, quinclorac, quinmerac, TBA (2,3,6) and its salts and esters, triclopyr and its salts and esters, and 5,6-dichloro-2-cyclopropyl-4-pyrimidinecarboxylic acid (H-9; CAS 858956-08-8) and its salts and esters;

b14) from the group of the auxin transport inhibitors: diflufenzopyr, diflufenzopyr-sodium, naptalam and naptalam-sodium;

b15) from the group of the other herbicides: bromobutide, chlorflurenol, chlorflurenol-methyl, cinmethylin, cumyluron, dalapon, dazomet, difenzoquat, difenzoquat-metilsulfate, dimethipin, DSMA, dymron, endothal and its salts, etobenzanid, flamprop, flamprop-isopropyl, flamprop-methyl, flamprop-M-isopropyl, flamprop-M-methyl, flurenol, flurenol-butyl, flurprimidol, fosamine, fosamine-ammonium, indanofan, maleic hydrazide, mefluidide, metam, methyl azide, methyl bromide, methyl-dymron, methyl iodide, MSMA, oleic acid, oxaziclomefone, pelargonic acid, pyributicarb, quinoclamine, triaziflam, tridiphane and 6-chloro-3-(2-cyclopropyl-6-methylphenoxy)-4-pyridazinol (H-10; CAS 499223-49-3) and its salts and esters.

Examples of preferred safeners C are benoxacor, cloquintocet, cyometrinil, cyprosulfamide, dichlormid, dicyclonone, dietholate, fenchlorazole, fenclorim, flurazole, fluxofenim, furilazole, isoxadifen, mefenpyr, mephenate, naphthalic anhydride, oxabetrinil, 4-(dichloroacetyl)-1-oxa-4-azaspiro[4.5]decane (H-11; MON4660, CAS 71526-07-3) and 2,2,5-trimethyl-3-(dichloroacetyl)-1,3-oxazolidine (H-12; R-29148, CAS 52836-31-4).

The active compounds of groups b1) to b15) and the safeners C are known herbicides

and safeners, see, for example, The Compendium of Pesticide Common Names (http://www.alanwood.net/pesticides/); B. Hock, C. Fedtke, R. R. Schmidt, Herbizide [Herbicides], Georg Thieme Verlag, Stuttgart, 1995. Further herbicidally active compounds are known from WO 96/26202, WO 97/41116, WO 97/41117, WO 97/41118, WO 01/83459 and WO 2008/074991 and from W. Krämer et al. (ed.) "Modern Crop Protection Compounds", Vol. 1, Wiley VCH, 2007 and the literature quoted therein.

The invention also relates to compositions in the form of a crop protection composition formulated as a 1-component composition comprising an active compound combination comprising at least one compound of the formula I and at least one further active compound, preferably selected from the active compounds of groups b1 to b15, and at least one solid or liquid carrier and/or one or more surfactants and, if desired, one or more further auxiliaries customary for crop protection compositions.

The invention also relates to compositions in the form of a crop protection composition formulated as a 2-component composition comprising a first component comprising at least one compound of the formula I, a solid or liquid carrier and/or one or more surfactants and a second component comprising at least one further active compound selected from the active compounds of groups b1 to b15, a solid or liquid carrier and/or one or more surfactants, where additionally both components may also comprise further auxiliaries customary for crop protection compositions.

In binary compositions comprising at least one compound of the formula I as component A and at least one herbicide B, the weight ratio of the active compounds A:B is generally in the range of from 1:1000 to 1000:1, preferably in the range of from 1:500 to 500:1, in particular in the range of from 1:250 to 250:1 and particularly preferably in the range of from 1:75 to 75:1.

In binary compositions comprising at least one compound of the formula I as component A and at least one safener C, the weight ratio of the active compounds A:C is generally in the range of from 1:1000 to 1000:1, preferably in the range of from 1:500 to 500:1, in particular in the range of from 1:250 to 250:1 and particularly preferably in the range of from 1:75 to 75:1.

In ternary compositions comprising both at least one compound of the formula I as component A, at least one herbicide B and at least one safener C, the relative parts by weight of the components A:B are generally in the range of from 1:1000 to 1000:1, preferably in the range of from 1:500 to 500:1, in particular in the range of from 1:250 to 250:1 and particularly preferably in the range of from 1:75 to 75:1; the weight ratio of the components A:C is generally in the range of from 1:1000 to 1000:1, preferably in the range of from 1:500 to 500:1, in particular in the range of from 1:250 to 250:1 and particularly preferably in the range of from 1:75 to 75:1; and the weight ratio of the components B:C is generally in the range of from 1:1000 to 1000:1, preferably in the range of from 1:500 to 500:1, in particular in the range of from 1:250 to 250:1 and particularly preferably in the range of from 1:75 to 75:1. Preferably, the weight ratio of the components A + B to the component C is in the range of from 1:500 to 500:1, in particular in the range of from 1:250 to 250:1 and particularly preferably in the range of from 1:75 to 75:1.

Examples of particularly preferred compositions according to the invention comprising in each case one individualized compound of the formula I and one mixing partner or a mixing partner combination are given in Table B below.

A further aspect of the invention relates to the compositions B-1 to B-1236 listed in Table B below, where in each case one row of Table B corresponds to a herbicidal composition comprising one of the compounds of formula I individualized in the above description (component 1) and the further active compound from groups b1) to b15) and/or safener C stated in each case in the row in question (component 2). The active compounds in the compositions described are in each case preferably present in synergistically effective amounts.

Table B:

	Herbicide(s) B	Safener C
B-1	clodinafop-propargyl	--
B-2	cycloxydim	--
B-3	cyhalofop-butyl	--
B-4	fenoxaprop-P-ethyl	--
B-5	pinoxaden	--
B-6	profoxydim	--
B-7	tepraloxydim	--
B-8	tralkoxydim	--
B-9	esprocarb	--
B-10	prosulfocarb	--
B-11	thiobencarb	--
B-12	triallate	--
B-13	bensulfuron-methyl	--
B-14	bispyribac-sodium	--
B-15	cyclosulfamuron	--
B-16	flumetsulam	--
B-17	flupyrsulfuron-methyl-sodium	--
B-18	foramsulfuron	--
B-19	imazamox	--
B-20	imazapic	--
B-21	imazapyr	--
B-22	imazaquin	--
B-23	imazethapyr	--
B-24	imazosulfuron	--
B-25	iodosulfuron-methyl-sodium	--
B-26	mesosulfuron	--
B-27	nicosulfuron	--

	Herbicide(s) B	Safener C
B-28	penoxsulam	--
B-29	propoxycarbazone-sodium	--
B-30	pyrazosulfuron-ethyl	--
B-31	pyroxsulam	--
B-32	rimsulfuron	--
B-33	sulfosulfuron	--
B-34	thiencarbazone-methyl	--
B-35	tritosulfuron	--
B-36	2,4-D and its salts and esters	--
B-37	aminopyralid and its salts and esters	--
B-38	clopyralid and its salts and esters	--
B-39	dicamba and its salts and esters	--
B-40	fluroxypyr-meptyl	--
B-41	quinclorac	--
B-42	quinmerac	--
B-43	H-9	--
B-44	diflufenzopyr	--
B-45	diflufenzopyr-sodium	--
B-46	clomazone	--
B-47	diflufenican	--
B-48	fluorochloridone	--
B-49	isoxaflutol	--
B-50	mesotrione	--
B-51	picolinafen	--
B-52	sulcotrione	--
B-53	tefuryltrione	--
B-54	tembotrione	--
B-55	topramezone	--
B-56	H-7	--
B-57	atrazine	--
B-58	diuron	--
B-59	fluometuron	--
B-60	hexazinone	--
B-61	isoproturon	--
B-62	metribuzin	--
B-63	propanil	--
B-64	terbuthylazine	--
B-65	paraquat dichloride	--
B-66	flumioxazin	--

	Herbicide(s) B	Safener C
B-67	oxyfluorfen	--
B-68	saflufenacil	--
B-69	sulfentrazone	--
B-70	H-1	--
B-71	H-2	--
B-72	glyphosate	--
B-73	glyphosate-isopropylammonium	--
B-74	glyphosate-trimesium (sulfosate)	--
B-75	glufosinate	--
B-76	glufosinate-ammonium	--
B-77	pendimethalin	--
B-78	trifluralin	--
B-79	acetochlor	--
B-80	cafenstrole	--
B-81	dimethenamid-P	--
B-82	fentrazamide	--
B-83	flufenacet	--
B-84	mefenacet	--
B-85	metazachlor	--
B-86	metolachlor-S	--
B-87	pyroxasulfone	--
B-88	isoxaben	--
B-89	dymron	--
B-90	indanofan	--
B-91	oxaziclomefone	--
B-92	triaziflam	--
B-93	chlorotoluron	--
B-94	atrazine + H-1	--
B-95	atrazine + glyphosate	--
B-96	atrazine + mesotrione	--
B-97	atrazine + nicosulfuron	--
B-98	atrazine + tembotrione	--
B-99	atrazine + topramezone	--
B-100	clomazone + glyphosate	--
B-101	diflufenican + clodinafop-propargyl	--
B-102	diflufenican + fenoxaprop-P-ethyl	--
B-103	diflufenican + flupyrsulfuron-methyl-sodium	--
B-104	diflufenican + glyphosate	--
B-105	diflufenican + mesosulfuron-methyl	--

	Herbicide(s) B	Safener C
B-106	diflufenican + pinoxaden	--
B-107	diflufenican + pyroxsulam	--
B-108	flumetsulam + glyphosate	--
B-109	flumioxazin + glyphosate	--
B-110	imazapic + glyphosate	--
B-111	imazethapyr + glyphosate	--
B-112	isoxaflutol + H-1	--
B-113	isoxaflutol + glyphosate	--
B-114	metazachlor + H-1	--
B-115	metazachlor + glyphosate	--
B-116	metazachlor + mesotrione	--
B-117	metazachlor + nicosulfuron	--
B-118	metazachlor + terbuthylazine	--
B-119	metazachlor + topramezone	--
B-120	metribuzin + glyphosate	--
B-121	pendimethalin + H-1	--
B-122	pendimethalin + clodinafop-propargyl	--
B-123	pendimethalin + fenoxaprop-P-ethyl	--
B-124	pendimethalin + flupyrsulfuron-methyl-sodium	--
B-125	pendimethalin + glyphosate	--
B-126	pendimethalin + mesosulfuron-methyl	--
B-127	pendimethalin + mesotrione	--
B-128	pendimethalin + nicosulfuron	--
B-129	pendimethalin + pinoxaden	--
B-130	pendimethalin + pyroxsulam	--
B-131	pendimethalin + tembotrione	--
B-132	pendimethalin + topramezone	--
B-133	pyroxasulfone + tembotrione	--
B-134	pyroxasulfone + topramezone	--
B-135	sulfentrazone + glyphosate	--
B-136	terbuthylazine + H-1	--
B-137	terbuthylazine + foramsulfuron	--
B-138	terbuthylazine + glyphosate	--
B-139	terbuthylazine + mesotrione	--
B-140	terbuthylazine + nicosulfuron	--
B-141	terbuthylazine + tembotrione	--
B-142	terbuthylazine + topramezone	--
B-143	trifluralin + glyphosate	--
B-144	--	benoxacor

	Herbicide(s) B	Safener C
B-145	--	cloquintocet
B-146	--	cyprosulfamide
B-147	--	dichlormid
B-148	--	fenchlorazole
B-149	--	isoxadifen
B-150	--	mefenpyr
B-151	--	H-11
B-152	--	H-12
B-153	clodinafop-propargyl	benoxacor
B-154	cycloxydim	benoxacor
B-155	cyhalofop-butyl	benoxacor
B-156	fenoxaprop-P-ethyl	benoxacor
B-157	pinoxaden	benoxacor
B-158	profoxydim	benoxacor
B-159	tepraloxydim	benoxacor
B-160	tralkoxydim	benoxacor
B-161	esprocarb	benoxacor
B-162	prosulfocarb	benoxacor
B-163	thiobencarb	benoxacor
B-164	triallate	benoxacor
B-165	bensulfuron-methyl	benoxacor
B-166	bispyribac-sodium	benoxacor
B-167	cyclosulfamuron	benoxacor
B-168	flumetsulam	benoxacor
B-169	flupyrsulfuron-methyl-sodium	benoxacor
B-170	foramsulfuron	benoxacor
B-171	imazamox	benoxacor
B-172	imazapic	benoxacor
B-173	imazapyr	benoxacor
B-174	imazaquin	benoxacor
B-175	imazethapyr	benoxacor
B-176	imazosulfuron	benoxacor
B-177	iodosulfuron-methyl-sodium	benoxacor
B-178	mesosulfuron	benoxacor
B-179	nicosulfuron	benoxacor
B-180	penoxsulam	benoxacor
B-181	propoxycarbazone-sodium	benoxacor
B-182	pyrazosulfuron-ethyl	benoxacor
B-183	pyroxsulam	benoxacor

	Herbicide(s) B	Safener C
B-184	rimsulfuron	benoxacor
B-185	sulfosulfuron	benoxacor
B-186	thiencarbazone-methyl	benoxacor
B-187	tritosulfuron	benoxacor
B-188	2,4-D and its salts and esters	benoxacor
B-189	aminopyralid and its salts and esters	benoxacor
B-190	clopyralid and its salts and esters	benoxacor
B-191	dicamba and its salts and esters	benoxacor
B-192	fluroxypyr-meptyl	benoxacor
B-193	quinclorac	benoxacor
B-194	quinmerac	benoxacor
B-195	H-9	benoxacor
B-196	diflufenzopyr	benoxacor
B-197	diflufenzopyr-sodium	benoxacor
B-198	clomazone	benoxacor
B-199	diflufenican	benoxacor
B-200	fluorochloridone	benoxacor
B-201	isoxaflutol	benoxacor
B-202	mesotrione	benoxacor
B-203	picolinafen	benoxacor
B-204	sulcotrione	benoxacor
B-205	tefuryltrione	benoxacor
B-206	tembotrione	benoxacor
B-207	topramezone	benoxacor
B-208	H-7	benoxacor
B-209	atrazine	benoxacor
B-210	diuron	benoxacor
B-211	fluometuron	benoxacor
B-212	hexazinone	benoxacor
B-213	isoproturon	benoxacor
B-214	metribuzin	benoxacor
B-215	propanil	benoxacor
B-216	terbuthylazine	benoxacor
B-217	paraquat dichloride	benoxacor
B-218	flumioxazin	benoxacor
B-219	oxyfluorfen	benoxacor
B-220	saflufenacil	benoxacor
B-221	sulfentrazone	benoxacor
B-222	H-1	benoxacor

	Herbicide(s) B	Safener C
B-223	H-2	benoxacor
B-224	glyphosate	benoxacor
B-225	glyphosate-isopropylammonium	benoxacor
B-226	glyphosate-trimesium (sulfosate)	benoxacor
B-227	glufosinate	benoxacor
B-228	glufosinate-ammonium	benoxacor
B-229	pendimethalin	benoxacor
B-230	trifluralin	benoxacor
B-231	acetochlor	benoxacor
B-232	cafenstrole	benoxacor
B-233	dimethenamid-P	benoxacor
B-234	fentrazamide	benoxacor
B-235	flufenacet	benoxacor
B-236	mefenacet	benoxacor
B-237	metazachlor	benoxacor
B-238	metolachlor-S	benoxacor
B-239	pyroxasulfone	benoxacor
B-240	isoxaben	benoxacor
B-241	dymron	benoxacor
B-242	indanofan	benoxacor
B-243	oxaziclomefone	benoxacor
B-244	triaziflam	benoxacor
B-245	atrazine + H-1	benoxacor
B-246	atrazine + glyphosate	benoxacor
B-247	atrazine + mesotrione	benoxacor
B-248	atrazine + nicosulfuron	benoxacor
B-249	atrazine + tembotrione	benoxacor
B-250	atrazine + topramezone	benoxacor
B-251	clomazone + glyphosate	benoxacor
B-252	diflufenican + clodinafop-propargyl	benoxacor
B-253	diflufenican + fenoxaprop-P-ethyl	benoxacor
B-254	diflufenican + flupyrsulfuron-methyl-sodium	benoxacor
B-255	diflufenican + glyphosate	benoxacor
B-256	diflufenican + mesosulfuron-methyl	benoxacor
B-257	diflufenican + pinoxaden	benoxacor
B-258	diflufenican + pyroxsulam	benoxacor
B-259	flumetsulam + glyphosate	benoxacor
B-260	flumioxazin + glyphosate	benoxacor
B-261	imazapic + glyphosate	benoxacor

	Herbicide(s) B	Safener C
B-262	imazethapyr + glyphosate	benoxacor
B-263	isoxaflutol + H-1	benoxacor
B-264	isoxaflutol + glyphosate	benoxacor
B-265	metazachlor + H-1	benoxacor
B-266	metazachlor + glyphosate	benoxacor
B-267	metazachlor + mesotrione	benoxacor
B-268	metazachlor + nicosulfuron	benoxacor
B-269	metazachlor + terbuthylazine	benoxacor
B-270	metazachlor + topramezone	benoxacor
B-271	metribuzin + glyphosate	benoxacor
B-272	pendimethalin + H-1	benoxacor
B-273	pendimethalin + clodinafop-propargyl	benoxacor
B-274	pendimethalin + fenoxaprop-P-ethyl	benoxacor
B-275	pendimethalin + flupyrsulfuron-methyl-sodium	benoxacor
B-276	pendimethalin + glyphosate	benoxacor
B-277	pendimethalin + mesosulfuron-methyl	benoxacor
B-278	pendimethalin + mesotrione	benoxacor
B-279	pendimethalin + nicosulfuron	benoxacor
B-280	pendimethalin + pinoxaden	benoxacor
B-281	pendimethalin + pyroxsulam	benoxacor
B-282	pendimethalin + tembotrione	benoxacor
B-283	pendimethalin + topramezone	benoxacor
B-284	pyroxasulfone + tembotrione	benoxacor
B-285	pyroxasulfone + topramezone	benoxacor
B-286	sulfentrazone + glyphosate	benoxacor
B-287	terbuthylazine + H-1	benoxacor
B-288	terbuthylazine + foramsulfuron	benoxacor
B-289	terbuthylazine + glyphosate	benoxacor
B-290	terbuthylazine + mesotrione	benoxacor
B-291	terbuthylazine + nicosulfuron	benoxacor
B-292	terbuthylazine + tembotrione	benoxacor
B-293	terbuthylazine + topramezone	benoxacor
B-294	trifluralin + glyphosate	benoxacor
B-295	clodinafop-propargyl	cloquintocet
B-296	cycloxydim	cloquintocet
B-297	cyhalofop-butyl	cloquintocet
B-298	fenoxaprop-P-ethyl	cloquintocet
B-299	pinoxaden	cloquintocet
B-300	profoxydim	cloquintocet

	Herbicide(s) B	Safener C
B-301	tepraloxydim	cloquintocet
B-302	tralkoxydim	cloquintocet
B-303	esprocarb	cloquintocet
B-304	prosulfocarb	cloquintocet
B-305	thiobencarb	cloquintocet
B-306	triallate	cloquintocet
B-307	bensulfuron-methyl	cloquintocet
B-308	bispyribac-sodium	cloquintocet
B-309	cyclosulfamuron	cloquintocet
B-310	flumetsulam	cloquintocet
B-311	flupyrsulfuron-methyl-sodium	cloquintocet
B-312	foramsulfuron	cloquintocet
B-313	imazamox	cloquintocet
B-314	imazapic	cloquintocet
B-315	imazapyr	cloquintocet
B-316	imazaquin	cloquintocet
B-317	imazethapyr	cloquintocet
B-318	imazosulfuron	cloquintocet
B-319	iodosulfuron-methyl-sodium	cloquintocet
B-320	mesosulfuron	cloquintocet
B-321	nicosulfuron	cloquintocet
B-322	penoxsulam	cloquintocet
B-323	propoxycarbazone-sodium	cloquintocet
B-324	pyrazosulfuron-ethyl	cloquintocet
B-325	pyroxsulam	cloquintocet
B-326	rimsulfuron	cloquintocet
B-327	sulfosulfuron	cloquintocet
B-328	thiencarbazone-methyl	cloquintocet
B-329	tritosulfuron	cloquintocet
B-330	2,4-D and its salts and esters	cloquintocet
B-331	aminopyralid and its salts and esters	cloquintocet
B-332	clopyralid and its salts and esters	cloquintocet
B-333	dicamba and its salts and esters	cloquintocet
B-334	fluroxypyr-meptyl	cloquintocet
B-335	quinclorac	cloquintocet
B-336	quinmerac	cloquintocet
B-337	H-9	cloquintocet
B-338	diflufenzopyr	cloquintocet
B-339	diflufenzopyr-sodium	cloquintocet

	Herbicide(s) B	Safener C
B-340	clomazone	cloquintocet
B-341	diflufenican	cloquintocet
B-342	fluorochloridone	cloquintocet
B-343	isoxaflutol	cloquintocet
B-344	mesotrione	cloquintocet
B-345	picolinafen	cloquintocet
B-346	sulcotrione	cloquintocet
B-347	tefuryltrione	cloquintocet
B-348	tembotrione	cloquintocet
B-349	topramezone	cloquintocet
B-350	H-7	cloquintocet
B-351	atrazine	cloquintocet
B-352	diuron	cloquintocet
B-353	fluometuron	cloquintocet
B-354	hexazinone	cloquintocet
B-355	isoproturon	cloquintocet
B-356	metribuzin	cloquintocet
B-357	propanil	cloquintocet
B-358	terbuthylazine	cloquintocet
B-359	paraquat dichloride	cloquintocet
B-360	flumioxazin	cloquintocet
B-361	oxyfluorfen	cloquintocet
B-362	saflufenacil	cloquintocet
B-363	sulfentrazone	cloquintocet
B-364	H-1	cloquintocet
B-365	H-2	cloquintocet
B-366	glyphosate	cloquintocet
B-367	glyphosate-isopropylammonium	cloquintocet
B-368	glyphosate-trimesium (sulfosate)	cloquintocet
B-369	glufosinate	cloquintocet
B-370	glufosinate-ammonium	cloquintocet
B-371	pendimethalin	cloquintocet
B-372	trifluralin	cloquintocet
B-373	acetochlor	cloquintocet
B-374	cafenstrole	cloquintocet
B-375	dimethenamid-P	cloquintocet
B-376	fentrazamide	cloquintocet
B-377	flufenacet	cloquintocet
B-378	mefenacet	cloquintocet

	Herbicide(s) B	Safener C
B-379	metazachlor	cloquintocet
B-380	metolachlor-S	cloquintocet
B-381	pyroxasulfone	cloquintocet
B-382	isoxaben	cloquintocet
B-383	dymron	cloquintocet
B-384	indanofan	cloquintocet
B-385	oxaziclomefone	cloquintocet
B-386	triaziflam	cloquintocet
B-387	atrazine + H-1	cloquintocet
B-388	atrazine + glyphosate	cloquintocet
B-389	atrazine + mesotrione	cloquintocet
B-390	atrazine + nicosulfuron	cloquintocet
B-391	atrazine + tembotrione	cloquintocet
B-392	atrazine + topramezone	cloquintocet
B-393	clomazone + glyphosate	cloquintocet
B-394	diflufenican + clodinafop-propargyl	cloquintocet
B-395	diflufenican + fenoxaprop-p-ethyl	cloquintocet
B-396	diflufenican + flupyrsulfuron-methyl-sodium	cloquintocet
B-397	diflufenican + glyphosate	cloquintocet
B-398	diflufenican + mesosulfuron-methyl	cloquintocet
B-399	diflufenican + pinoxaden	cloquintocet
B-400	diflufenican + pyroxsulam	cloquintocet
B-401	flumetsulam + glyphosate	cloquintocet
B-402	flumioxazin + glyphosate	cloquintocet
B-403	imazapic + glyphosate	cloquintocet
B-404	imazethapyr + glyphosate	cloquintocet
B-405	isoxaflutol + H-1	cloquintocet
B-406	isoxaflutol + glyphosate	cloquintocet
B-407	metazachlor + H-1	cloquintocet
B-408	metazachlor + glyphosate	cloquintocet
B-409	metazachlor + mesotrione	cloquintocet
B-410	metazachlor + nicosulfuron	cloquintocet
B-411	metazachlor + terbuthylazine	cloquintocet
B-412	metazachlor + topramezone	cloquintocet
B-413	metribuzin + glyphosate	cloquintocet
B-414	pendimethalin + H-1	cloquintocet
B-415	pendimethalin + clodinafop-propargyl	cloquintocet
B-416	pendimethalin + fenoxaprop-P-ethyl	cloquintocet
B-417	pendimethalin + flupyrsulfuron-methyl-sodium	cloquintocet

	Herbicide(s) B	Safener C
B-418	pendimethalin + glyphosate	cloquintocet
B-419	pendimethalin + mesosulfuron-methyl	cloquintocet
B-420	pendimethalin + mesotrione	cloquintocet
B-421	pendimethalin + nicosulfuron	cloquintocet
B-422	pendimethalin + pinoxaden	cloquintocet
B-423	pendimethalin + pyroxsulam	cloquintocet
B-424	pendimethalin + tembotrione	cloquintocet
B-425	pendimethalin + topramezone	cloquintocet
B-426	pyroxasulfone + tembotrione	cloquintocet
B-427	pyroxasulfone + topramezone	cloquintocet
B-428	sulfentrazone + glyphosate	cloquintocet
B-429	terbuthylazine + H-1	cloquintocet
B-430	terbuthylazine + foramsulfuron	cloquintocet
B-431	terbuthylazine + glyphosate	cloquintocet
B-432	terbuthylazine + mesotrione	cloquintocet
B-433	terbuthylazine + nicosulfuron	cloquintocet
B-434	terbuthylazine + tembotrione	cloquintocet
B-435	terbuthylazine + topramezone	cloquintocet
B-436	trifluralin + glyphosate	cloquintocet
B-437	clodinafop-propargyl	dichlormid
B-438	cycloxydim	dichlormid
B-439	cyhalofop-butyl	dichlormid
B-440	fenoxaprop-P-ethyl	dichlormid
B-441	pinoxaden	dichlormid
B-442	profoxydim	dichlormid
B-443	tepraloxydim	dichlormid
B-444	tralkoxydim	dichlormid
B-445	esprocarb	dichlormid
B-446	prosulfocarb	dichlormid
B-447	thiobencarb	dichlormid
B-448	triallate	dichlormid
B-449	bensulfuron-methyl	dichlormid
B-450	bispyribac-sodium	dichlormid
B-451	cyclosulfamuron	dichlormid
B-452	flumetsulam	dichlormid
B-453	flupyrsulfuron-methyl-sodium	dichlormid
B-454	foramsulfuron	dichlormid
B-455	imazamox	dichlormid
B-456	imazapic	dichlormid

	Herbicide(s) B	Safener C
B-457	imazapyr	dichlormid
B-458	imazaquin	dichlormid
B-459	imazethapyr	dichlormid
B-460	imazosulfuron	dichlormid
B-461	iodosulfuron-methyl-sodium	dichlormid
B-462	mesosulfuron	dichlormid
B-463	nicosulfuron	dichlormid
B-464	penoxsulam	dichlormid
B-465	propoxycarbazone-sodium	dichlormid
B-466	pyrazosulfuron-ethyl	dichlormid
B-467	pyroxsulam	dichlormid
B-468	rimsulfuron	dichlormid
B-469	sulfosulfuron	dichlormid
B-470	thiencarbazone-methyl	dichlormid
B-471	tritosulfuron	dichlormid
B-472	2,4-D and its salts and esters	dichlormid
B-473	aminopyralid and its salts and esters	dichlormid
B-474	clopyralid and its salts and esters	dichlormid
B-475	dicamba and its salts and esters	dichlormid
B-476	fluroxypyr-meptyl	dichlormid
B-477	quinclorac	dichlormid
B-478	quinmerac	dichlormid
B-479	H-9	dichlormid
B-480	diflufenzopyr	dichlormid
B-481	diflufenzopyr-sodium	dichlormid
B-482	clomazone	dichlormid
B-483	diflufenican	dichlormid
B-484	fluorochloridone	dichlormid
B-485	isoxaflutol	dichlormid
B-486	mesotrione	dichlormid
B-487	picolinafen	dichlormid
B-488	sulcotrione	dichlormid
B-489	tefuryltrione	dichlormid
B-490	tembotrione	dichlormid
B-491	topramezone	dichlormid
B-492	H-7	dichlormid
B-493	atrazine	dichlormid
B-494	diuron	dichlormid
B-495	fluometuron	dichlormid

	Herbicide(s) B	Safener C
B-496	hexazinone	dichlormid
B-497	isoproturon	dichlormid
B-498	metribuzin	dichlormid
B-499	propanil	dichlormid
B-500	terbuthylazine	dichlormid
B-501	paraquat dichloride	dichlormid
B-502	flumioxazin	dichlormid
B-503	oxyfluorfen	dichlormid
B-504	saflufenacil	dichlormid
B-505	sulfentrazone	dichlormid
B-506	H-1	dichlormid
B-507	H-2	dichlormid
B-508	glyphosate	dichlormid
B-509	glyphosate-isopropylammonium	dichlormid
B-510	glyphosate-trimesium (sulfosate)	dichlormid
B-511	glufosinate	dichlormid
B-512	glufosinate-ammonium	dichlormid
B-513	pendimethalin	dichlormid
B-514	trifluralin	dichlormid
B-515	acetochlor	dichlormid
B-516	cafenstrole	dichlormid
B-517	dimethenamid-P	dichlormid
B-518	fentrazamide	dichlormid
B-519	flufenacet	dichlormid
B-520	mefenacet	dichlormid
B-521	metazachlor	dichlormid
B-522	metolachlor-S	dichlormid
B-523	pyroxasulfone	dichlormid
B-524	isoxaben	dichlormid
B-525	dymron	dichlormid
B-526	indanofan	dichlormid
B-527	oxaziclomefone	dichlormid
B-528	triaziflam	dichlormid
B-529	atrazine + H-1	dichlormid
B-530	atrazine + glyphosate	dichlormid
B-531	atrazine + mesotrione	dichlormid
B-532	atrazine + nicosulfuron	dichlormid
B-533	atrazine + tembotrione	dichlormid
B-534	atrazine + topramezone	dichlormid

	Herbicide(s) B	Safener C
B-535	clomazone + glyphosate	dichlormid
B-536	diflufenican + clodinafop-propargyl	dichlormid
B-537	diflufenican + fenoxaprop-p-ethyl	dichlormid
B-538	diflufenican + flupyrsulfuron-methyl-sodium	dichlormid
B-539	diflufenican + glyphosate	dichlormid
B-540	diflufenican + mesosulfuron-methyl	dichlormid
B-541	diflufenican + pinoxaden	dichlormid
B-542	diflufenican + pyroxsulam	dichlormid
B-543	flumetsulam + glyphosate	dichlormid
B-544	flumioxazin + glyphosate	dichlormid
B-545	imazapic + glyphosate	dichlormid
B-546	imazethapyr + glyphosate	dichlormid
B-547	isoxaflutol + H-1	dichlormid
B-548	isoxaflutol + glyphosate	dichlormid
B-549	metazachlor + H-1	dichlormid
B-550	metazachlor + glyphosate	dichlormid
B-551	metazachlor + mesotrione	dichlormid
B-552	metazachlor + nicosulfuron	dichlormid
B-553	metazachlor + terbuthylazine	dichlormid
B-554	metazachlor + topramezone	dichlormid
B-555	metribuzin + glyphosate	dichlormid
B-556	pendimethalin + H-1	dichlormid
B-557	pendimethalin + clodinafop-propargyl	dichlormid
B-558	pendimethalin + fenoxaprop-P-ethyl	dichlormid
B-559	pendimethalin + flupyrsulfuron-methyl-sodium	dichlormid
B-560	pendimethalin + glyphosate	dichlormid
B-561	pendimethalin + mesosulfuron-methyl	dichlormid
B-562	pendimethalin + mesotrione	dichlormid
B-563	pendimethalin + nicosulfuron	dichlormid
B-564	pendimethalin + pinoxaden	dichlormid
B-565	pendimethalin + pyroxsulam	dichlormid
B-566	pendimethalin + tembotrione	dichlormid
B-567	pendimethalin + topramezone	dichlormid
B-568	pyroxasulfone + tembotrione	dichlormid
B-569	pyroxasulfone + topramezone	dichlormid
B-570	sulfentrazone + glyphosate	dichlormid
B-571	terbuthylazine + H-1	dichlormid
B-572	terbuthylazine + foramsulfuron	dichlormid
B-573	terbuthylazine + glyphosate	dichlormid

	Herbicide(s) B	Safener C
B-574	terbuthylazine + mesotrione	dichlormid
B-575	terbuthylazine + nicosulfuron	dichlormid
B-576	terbuthylazine + tembotrione	dichlormid
B-577	terbuthylazine + topramezone	dichlormid
B-578	trifluralin + glyphosate	dichlormid
B-579	clodinafop-propargyl	fenchlorazole
B-580	cycloxydim	fenchlorazole
B-581	cyhalofop-butyl	fenchlorazole
B-582	fenoxaprop-P-ethyl	fenchlorazole
B-583	pinoxaden	fenchlorazole
B-584	profoxydim	fenchlorazole
B-585	tepraloxydim	fenchlorazole
B-586	tralkoxydim	fenchlorazole
B-587	esprocarb	fenchlorazole
B-588	prosulfocarb	fenchlorazole
B-589	thiobencarb	fenchlorazole
B-590	triallate	fenchlorazole
B-591	bensulfuron-methyl	fenchlorazole
B-592	bispyribac-sodium	fenchlorazole
B-593	cyclosulfamuron	fenchlorazole
B-594	flumetsulam	fenchlorazole
B-595	flupyrsulfuron-methyl-sodium	fenchlorazole
B-596	foramsulfuron	fenchlorazole
B-597	imazamox	fenchlorazole
B-598	imazapic	fenchlorazole
B-599	imazapyr	fenchlorazole
B-600	imazaquin	fenchlorazole
B-601	imazethapyr	fenchlorazole
B-602	imazosulfuron	fenchlorazole
B-603	iodosulfuron-methyl-sodium	fenchlorazole
B-604	mesosulfuron	fenchlorazole
B-605	nicosulfuron	fenchlorazole
B-606	penoxsulam	fenchlorazole
B-607	propoxycarbazone-sodium	fenchlorazole
B-608	pyrazosulfuron-ethyl	fenchlorazole
B-609	pyroxsulam	fenchlorazole
B-610	rimsulfuron	fenchlorazole
B-611	sulfosulfuron	fenchlorazole
B-612	thiencarbazone-methyl	fenchlorazole

	Herbicide(s) B	Safener C
B-613	tritosulfuron	fenchlorazole
B-614	2,4-D and its salts and esters	fenchlorazole
B-615	aminopyralid and its salts and esters	fenchlorazole
B-616	clopyralid and its salts and esters	fenchlorazole
B-617	dicamba and its salts and esters	fenchlorazole
B-618	fluroxypyr-meptyl	fenchlorazole
B-619	quinclorac	fenchlorazole
B-620	quinmerac	fenchlorazole
B-621	H-9	fenchlorazole
B-622	diflufenzopyr	fenchlorazole
B-623	diflufenzopyr-sodium	fenchlorazole
B-624	clomazone	fenchlorazole
B-625	diflufenican	fenchlorazole
B-626	fluorochloridone	fenchlorazole
B-627	isoxaflutol	fenchlorazole
B-628	mesotrione	fenchlorazole
B-629	picolinafen	fenchlorazole
B-630	sulcotrione	fenchlorazole
B-631	tefuryltrione	fenchlorazole
B-632	tembotrione	fenchlorazole
B-633	topramezone	fenchlorazole
B-634	H-7	fenchlorazole
B-635	atrazine	fenchlorazole
B-636	diuron	fenchlorazole
B-637	fluometuron	fenchlorazole
B-638	hexazinone	fenchlorazole
B-639	isoproturon	fenchlorazole
B-640	metribuzin	fenchlorazole
B-641	propanil	fenchlorazole
B-642	terbuthylazine	fenchlorazole
B-643	paraquat dichloride	fenchlorazole
B-644	flumioxazin	fenchlorazole
B-645	oxyfluorfen	fenchlorazole
B-646	saflufenacil	fenchlorazole
B-647	sulfentrazone	fenchlorazole
B-648	H-1	fenchlorazole
B-649	H-2	fenchlorazole
B-650	glyphosate	fenchlorazole
B-651	glyphosate-isopropylammonium	fenchlorazole

	Herbicide(s) B	Safener C
B-652	glyphosate-trimesium (sulfosate)	fenchlorazole
B-653	glufosinate	fenchlorazole
B-654	glufosinate-ammonium	fenchlorazole
B-655	pendimethalin	fenchlorazole
B-656	trifluralin	fenchlorazole
B-657	acetochlor	fenchlorazole
B-658	cafenstrole	fenchlorazole
B-659	dimethenamid-P	fenchlorazole
B-660	fentrazamide	fenchlorazole
B-661	flufenacet	fenchlorazole
B-662	mefenacet	fenchlorazole
B-663	metazachlor	fenchlorazole
B-664	metolachlor-S	fenchlorazole
B-665	pyroxasulfone	fenchlorazole
B-666	isoxaben	fenchlorazole
B-667	dymron	fenchlorazole
B-668	indanofan	fenchlorazole
B-669	oxaziclomefone	fenchlorazole
B-670	triaziflam	fenchlorazole
B-671	atrazine + H-1	fenchlorazole
B-672	atrazine + glyphosate	fenchlorazole
B-673	atrazine + mesotrione	fenchlorazole
B-674	atrazine + nicosulfuron	fenchlorazole
B-675	atrazine + tembotrione	fenchlorazole
B-676	atrazine + topramezone	fenchlorazole
B-677	clomazone + glyphosate	fenchlorazole
B-678	diflufenican + clodinafop-propargyl	fenchlorazole
B-679	diflufenican + fenoxaprop-P-ethyl	fenchlorazole
B-680	diflufenican + flupyrsulfuron-methyl-sodium	fenchlorazole
B-681	diflufenican + glyphosate	fenchlorazole
B-682	diflufenican + mesosulfuron-methyl	fenchlorazole
B-683	diflufenican + pinoxaden	fenchlorazole
B-684	diflufenican + pyroxsulam	fenchlorazole
B-685	flumetsulam + glyphosate	fenchlorazole
B-686	flumioxazin + glyphosate	fenchlorazole
B-687	imazapic + glyphosate	fenchlorazole
B-688	imazethapyr + glyphosate	fenchlorazole
B-689	isoxaflutol + H-1	fenchlorazole
B-690	isoxaflutol + glyphosate	fenchlorazole

	Herbicide(s) B	Safener C
B-691	metazachlor + H-1	fenchlorazole
B-692	metazachlor + glyphosate	fenchlorazole
B-693	metazachlor + mesotrione	fenchlorazole
B-694	metazachlor + nicosulfuron	fenchlorazole
B-695	metazachlor + terbuthylazine	fenchlorazole
B-696	metazachlor + topramezone	fenchlorazole
B-697	metribuzin + glyphosate	fenchlorazole
B-698	pendimethalin + H-1	fenchlorazole
B-699	pendimethalin + clodinafop-propargyl	fenchlorazole
B-700	pendimethalin + fenoxaprop-P-ethyl	fenchlorazole
B-701	pendimethalin + flupyrsulfuron-methyl-sodium	fenchlorazole
B-702	pendimethalin + glyphosate	fenchlorazole
B-703	pendimethalin + mesosulfuron-methyl	fenchlorazole
B-704	pendimethalin + mesotrione	fenchlorazole
B-705	pendimethalin + nicosulfuron	fenchlorazole
B-706	pendimethalin + pinoxaden	fenchlorazole
B-707	pendimethalin + pyroxsulam	fenchlorazole
B-708	pendimethalin + tembotrione	fenchlorazole
B-709	pendimethalin + topramezone	fenchlorazole
B-710	pyroxasulfone + tembotrione	fenchlorazole
B-711	pyroxasulfone + topramezone	fenchlorazole
B-712	sulfentrazone + glyphosate	fenchlorazole
B-713	terbuthylazine + H-1	fenchlorazole
B-714	terbuthylazine + foramsulfuron	fenchlorazole
B-715	terbuthylazine + glyphosate	fenchlorazole
B-716	terbuthylazine + mesotrione	fenchlorazole
B-717	terbuthylazine + nicosulfuron	fenchlorazole
B-718	terbuthylazine + tembotrione	fenchlorazole
B-719	terbuthylazine + topramezone	fenchlorazole
B-720	trifluralin + glyphosate	fenchlorazole
B-721	clodinafop-propargyl	isoxadifen
B-722	cycloxydim	isoxadifen
B-723	cyhalofop-butyl	isoxadifen
B-724	fenoxaprop-P-ethyl	isoxadifen
B-725	pinoxaden	isoxadifen
B-726	profoxydim	isoxadifen
B-727	tepraloxydim	isoxadifen
B-728	tralkoxydim	isoxadifen
B-729	esprocarb	isoxadifen

	Herbicide(s) B	Safener C
B-730	prosulfocarb	isoxadifen
B-731	thiobencarb	isoxadifen
B-732	triallate	isoxadifen
B-733	bensulfuron-methyl	isoxadifen
B-734	bispyribac-sodium	isoxadifen
B-735	cyclosulfamuron	isoxadifen
B-736	flumetsulam	isoxadifen
B-737	flupyrsulfuron-methyl-sodium	isoxadifen
B-738	foramsulfuron	isoxadifen
B-739	imazamox	isoxadifen
B-740	imazapic	isoxadifen
B-741	imazapyr	isoxadifen
B-742	imazaquin	isoxadifen
B-743	imazethapyr	isoxadifen
B-744	imazosulfuron	isoxadifen
B-745	iodosulfuron-methyl-sodium	isoxadifen
B-746	mesosulfuron	isoxadifen
B-747	nicosulfuron	isoxadifen
B-748	penoxsulam	isoxadifen
B-749	propoxycarbazone-sodium	isoxadifen
B-750	pyrazosulfuron-ethyl	isoxadifen
B-751	pyroxsulam	isoxadifen
B-752	rimsulfuron	isoxadifen
B-753	sulfosulfuron	isoxadifen
B-754	thiencarbazone-methyl	isoxadifen
B-755	tritosulfuron	isoxadifen
B-756	2,4-D and its salts and esters	isoxadifen
B-757	aminopyralid and its salts and esters	isoxadifen
B-758	clopyralid and its salts and esters	isoxadifen
B-759	dicamba and its salts and esters	isoxadifen
B-760	fluroxypyr-meptyl	isoxadifen
B-761	quinclorac	isoxadifen
B-762	quinmerac	isoxadifen
B-763	H-9	isoxadifen
B-764	diflufenzopyr	isoxadifen
B-765	diflufenzopyr-sodium	isoxadifen
B-766	clomazone	isoxadifen
B-767	diflufenican	isoxadifen
B-768	fluorochloridone	isoxadifen

	Herbicide(s) B	Safener C
B-769	isoxaflutol	isoxadifen
B-770	mesotrione	isoxadifen
B-771	picolinafen	isoxadifen
B-772	sulcotrione	isoxadifen
B-773	tefuryltrione	isoxadifen
B-774	tembotrione	isoxadifen
B-775	topramezone	isoxadifen
B-776	H-7	isoxadifen
B-777	atrazine	isoxadifen
B-778	diuron	isoxadifen
B-779	fluometuron	isoxadifen
B-780	hexazinone	isoxadifen
B-781	isoproturon	isoxadifen
B-782	metribuzin	isoxadifen
B-783	propanil	isoxadifen
B-784	terbuthylazine	isoxadifen
B-785	paraquat dichloride	isoxadifen
B-786	flumioxazin	isoxadifen
B-787	oxyfluorfen	isoxadifen
B-788	saflufenacil	isoxadifen
B-789	sulfentrazone	isoxadifen
B-790	H-1	isoxadifen
B-791	H-2	isoxadifen
B-792	glyphosate	isoxadifen
B-793	glyphosate-isopropylammonium	isoxadifen
B-794	glyphosate-trimesium (sulfosate)	isoxadifen
B-795	glufosinate	isoxadifen
B-796	glufosinate-ammonium	isoxadifen
B-797	pendimethalin	isoxadifen
B-798	trifluralin	isoxadifen
B-799	acetochlor	isoxadifen
B-800	cafenstrole	isoxadifen
B-801	dimethenamid-P	isoxadifen
B-802	fentrazamide	isoxadifen
B-803	flufenacet	isoxadifen
B-804	mefenacet	isoxadifen
B-805	metazachlor	isoxadifen
B-806	metolachlor-S	isoxadifen
B-807	pyroxasulfone	isoxadifen

	Herbicide(s) B	Safener C
B-808	isoxaben	isoxadifen
B-809	dymron	isoxadifen
B-810	indanofan	isoxadifen
B-811	oxaziclomefone	isoxadifen
B-812	triaziflam	isoxadifen
B-813	atrazine + H-1	isoxadifen
B-814	atrazine + glyphosate	isoxadifen
B-815	atrazine + mesotrione	isoxadifen
B-816	atrazine + nicosulfuron	isoxadifen
B-817	atrazine + tembotrione	isoxadifen
B-818	atrazine + topramezone	isoxadifen
B-819	clomazone + glyphosate	isoxadifen
B-820	diflufenican + clodinafop-propargyl	isoxadifen
B-821	diflufenican + fenoxaprop-P-ethyl	isoxadifen
B-822	diflufenican + flupyrsulfuron-methyl-sodium	isoxadifen
B-823	diflufenican + glyphosate	isoxadifen
B-824	diflufenican + mesosulfuron-methyl	isoxadifen
B-825	diflufenican + pinoxaden	isoxadifen
B-826	diflufenican + pyroxsulam	isoxadifen
B-827	flumetsulam + glyphosate	isoxadifen
B-828	flumioxazin + glyphosate	isoxadifen
B-829	imazapic + glyphosate	isoxadifen
B-830	imazethapyr + glyphosate	isoxadifen
B-831	isoxaflutol + H-1	isoxadifen
B-832	isoxaflutol + glyphosate	isoxadifen
B-833	metazachlor + H-1	isoxadifen
B-834	metazachlor + glyphosate	isoxadifen
B-835	metazachlor + mesotrione	isoxadifen
B-836	metazachlor + nicosulfuron	isoxadifen
B-837	metazachlor + terbuthylazine	isoxadifen
B-838	metazachlor + topramezone	isoxadifen
B-839	metribuzin + glyphosate	isoxadifen
B-840	pendimethalin + H-1	isoxadifen
B-841	pendimethalin + clodinafop-propargyl	isoxadifen
B-842	pendimethalin + fenoxaprop-P-ethyl	isoxadifen
B-843	pendimethalin + flupyrsulfuron-methyl-sodium	isoxadifen
B-844	pendimethalin + glyphosate	isoxadifen
B-845	pendimethalin + mesosulfuron-methyl	isoxadifen
B-846	pendimethalin + mesotrione	isoxadifen

	Herbicide(s) B	Safener C
B-847	pendimethalin + nicosulfuron	isoxadifen
B-848	pendimethalin + pinoxaden	isoxadifen
B-849	pendimethalin + pyroxsulam	isoxadifen
B-850	pendimethalin + tembotrione	isoxadifen
B-851	pendimethalin + topramezone	isoxadifen
B-852	pyroxasulfone + tembotrione	isoxadifen
B-853	pyroxasulfone + topramezone	isoxadifen
B-854	sulfentrazone + glyphosate	isoxadifen
B-855	terbuthylazine + H-1	isoxadifen
B-856	terbuthylazine + foramsulfuron	isoxadifen
B-857	terbuthylazine + glyphosate	isoxadifen
B-858	terbuthylazine + mesotrione	isoxadifen
B-859	terbuthylazine + nicosulfuron	isoxadifen
B-860	terbuthylazine + tembotrione	isoxadifen
B-861	terbuthylazine + topramezone	isoxadifen
B-862	trifluralin + glyphosate	isoxadifen
B-863	clodinafop-propargyl	mefenpyr
B-864	cycloxydim	mefenpyr
B-865	cyhalofop-butyl	mefenpyr
B-866	fenoxaprop-P-ethyl	mefenpyr
B-867	pinoxaden	mefenpyr
B-868	profoxydim	mefenpyr
B-869	tepraloxydim	mefenpyr
B-870	tralkoxydim	mefenpyr
B-871	esprocarb	mefenpyr
B-872	prosulfocarb	mefenpyr
B-873	thiobencarb	mefenpyr
B-874	triallate	mefenpyr
B-875	bensulfuron-methyl	mefenpyr
B-876	bispyribac-sodium	mefenpyr
B-877	cyclosulfamuron	mefenpyr
B-878	flumetsulam	mefenpyr
B-879	flupyrsulfuron-methyl-sodium	mefenpyr
B-880	foramsulfuron	mefenpyr
B-881	imazamox	mefenpyr
B-882	imazapic	mefenpyr
B-883	imazapyr	mefenpyr
B-884	imazaquin	mefenpyr
B-885	imazethapyr	mefenpyr

	Herbicide(s) B	Safener C
B-886	imazosulfuron	mefenpyr
B-887	iodosulfuron-methyl-sodium	mefenpyr
B-888	mesosulfuron	mefenpyr
B-889	nicosulfuron	mefenpyr
B-890	penoxsulam	mefenpyr
B-891	propoxycarbazone-sodium	mefenpyr
B-892	pyrazosulfuron-ethyl	mefenpyr
B-893	pyroxsulam	mefenpyr
B-894	rimsulfuron	mefenpyr
B-895	sulfosulfuron	mefenpyr
B-896	thiencarbazone-methyl	mefenpyr
B-897	tritosulfuron	mefenpyr
B-898	2,4-D and its salts and esters	mefenpyr
B-899	aminopyralid and its salts and esters	mefenpyr
B-900	clopyralid and its salts and esters	mefenpyr
B-901	dicamba and its salts and esters	mefenpyr
B-902	fluroxypyr-meptyl	mefenpyr
B-903	quinclorac	mefenpyr
B-904	quinmerac	mefenpyr
B-905	H-9	mefenpyr
B-906	diflufenzopyr	mefenpyr
B-907	diflufenzopyr-sodium	mefenpyr
B-908	clomazone	mefenpyr
B-909	diflufenican	mefenpyr
B-910	fluorochloridone	mefenpyr
B-911	isoxaflutol	mefenpyr
B-912	mesotrione	mefenpyr
B-913	picolinafen	mefenpyr
B-914	sulcotrione	mefenpyr
B-915	tefuryltrione	mefenpyr
B-916	tembotrione	mefenpyr
B-917	topramezone	mefenpyr
B-918	H-7	mefenpyr
B-919	atrazine	mefenpyr
B-920	diuron	mefenpyr
B-921	fluometuron	mefenpyr
B-922	hexazinone	mefenpyr
B-923	isoproturon	mefenpyr
B-924	metribuzin	mefenpyr

	Herbicide(s) B	Safener C
B-925	propanil	mefenpyr
B-926	terbuthylazine	mefenpyr
B-927	paraquat dichloride	mefenpyr
B-928	flumioxazin	mefenpyr
B-929	oxyfluorfen	mefenpyr
B-930	saflufenacil	mefenpyr
B-931	sulfentrazone	mefenpyr
B-932	H-1	mefenpyr
B-933	H-2	mefenpyr
B-934	glyphosate	mefenpyr
B-935	glyphosate-isopropylammonium	mefenpyr
B-936	glyphosate-trimesium (sulfosate)	mefenpyr
B-937	glufosinate	mefenpyr
B-938	glufosinate-ammonium	mefenpyr
B-939	pendimethalin	mefenpyr
B-940	trifluralin	mefenpyr
B-941	acetochlor	mefenpyr
B-942	cafenstrole	mefenpyr
B-943	dimethenamid-P	mefenpyr
B-944	fentrazamide	mefenpyr
B-945	flufenacet	mefenpyr
B-946	mefenacet	mefenpyr
B-947	metazachlor	mefenpyr
B-948	metolachlor-S	mefenpyr
B-949	pyroxasulfone	mefenpyr
B-950	isoxaben	mefenpyr
B-951	dymron	mefenpyr
B-952	indanofan	mefenpyr
B-953	oxaziclomefone	mefenpyr
B-954	triaziflam	mefenpyr
B-955	atrazine + H-1	mefenpyr
B-956	atrazine + glyphosate	mefenpyr
B-957	atrazine + mesotrione	mefenpyr
B-958	atrazine + nicosulfuron	mefenpyr
B-959	atrazine + tembotrione	mefenpyr
B-960	atrazine + topramezone	mefenpyr
B-961	clomazone + glyphosate	mefenpyr
B-962	diflufenican + clodinafop-propargyl	mefenpyr
B-963	diflufenican + fenoxaprop-P-ethyl	mefenpyr

	Herbicide(s) B	Safener C
B-964	diflufenican + flupyrsulfuron-methyl-sodium	mefenpyr
B-965	diflufenican + glyphosate	mefenpyr
B-966	diflufenican + mesosulfuron-methyl	mefenpyr
B-967	diflufenican + pinoxaden	mefenpyr
B-968	diflufenican + pyroxsulam	mefenpyr
B-969	flumetsulam + glyphosate	mefenpyr
B-970	flumioxazin + glyphosate	mefenpyr
B-971	imazapic + glyphosate	mefenpyr
B-972	imazethapyr + glyphosate	mefenpyr
B-973	isoxaflutol + H-1	mefenpyr
B-974	isoxaflutol + glyphosate	mefenpyr
B-975	metazachlor + H-1	mefenpyr
B-976	metazachlor + glyphosate	mefenpyr
B-977	metazachlor + mesotrione	mefenpyr
B-978	metazachlor + nicosulfuron	mefenpyr
B-979	metazachlor + terbuthylazine	mefenpyr
B-980	metazachlor + topramezone	mefenpyr
B-981	metribuzin + glyphosate	mefenpyr
B-982	pendimethalin + H-1	mefenpyr
B-983	pendimethalin + clodinafop-propargyl	mefenpyr
B-984	pendimethalin + fenoxaprop-P-ethyl	mefenpyr
B-985	pendimethalin + flupyrsulfuron-methyl-sodium	mefenpyr
B-986	pendimethalin + glyphosate	mefenpyr
B-987	pendimethalin + mesosulfuron-methyl	mefenpyr
B-988	pendimethalin + mesotrione	mefenpyr
B-989	pendimethalin + nicosulfuron	mefenpyr
B-990	pendimethalin + pinoxaden	mefenpyr
B-991	pendimethalin + pyroxsulam	mefenpyr
B-992	pendimethalin + tembotrione	mefenpyr
B-993	pendimethalin + topramezone	mefenpyr
B-994	pyroxasulfone + tembotrione	mefenpyr
B-995	pyroxasulfone + topramezone	mefenpyr
B-996	sulfentrazone + glyphosate	mefenpyr
B-997	terbuthylazine + H-1	mefenpyr
B-998	terbuthylazine + foramsulfuron	mefenpyr
B-999	terbuthylazine + glyphosate	mefenpyr
B-1000	terbuthylazine + mesotrione	mefenpyr
B-1001	terbuthylazine + nicosulfuron	mefenpyr
B-1002	terbuthylazine + tembotrione	mefenpyr

	Herbicide(s) B	Safener C
B-1003	terbuthylazine + topramezone	mefenpyr
B-1004	trifluralin + glyphosate	mefenpyr
B-1005	clodinafop-propargyl	H-12
B-1006	cycloxydim	H-12
B-1007	cyhalofop-butyl	H-12
B-1008	fenoxaprop-P-ethyl	H-12
B-1009	pinoxaden	H-12
B-1010	profoxydim	H-12
B-1011	tepraloxydim	H-12
B-1012	tralkoxydim	H-12
B-1013	esprocarb	H-12
B-1014	prosulfocarb	H-12
B-1015	thiobencarb	H-12
B-1016	triallate	H-12
B-1017	bensulfuron-methyl	H-12
B-1018	bispyribac-sodium	H-12
B-1019	cyclosulfamuron	H-12
B-1020	flumetsulam	H-12
B-1021	flupyrsulfuron-methyl-sodium	H-12
B-1022	foramsulfuron	H-12
B-1023	imazamox	H-12
B-1024	imazapic	H-12
B-1025	imazapyr	H-12
B-1026	imazaquin	H-12
B-1027	imazethapyr	H-12
B-1028	imazosulfuron	H-12
B-1029	iodosulfuron-methyl-sodium	H-12
B-1030	mesosulfuron	H-12
B-1031	nicosulfuron	H-12
B-1032	penoxsulam	H-12
B-1033	propoxycarbazone-sodium	H-12
B-1034	pyrazosulfuron-ethyl	H-12
B-1035	pyroxsulam	H-12
B-1036	rimsulfuron	H-12
B-1037	sulfosulfuron	H-12
B-1038	thiencarbazone-methyl	H-12
B-1039	tritosulfuron	H-12
B-1040	2,4-D and its salts and esters	H-12
B-1041	aminopyralid and its salts and esters	H-12

	Herbicide(s) B	Safener C
B-1042	clopyralid and its salts and esters	H-12
B-1043	dicamba and its salts and esters	H-12
B-1044	fluroxypyr-meptyl	H-12
B-1045	quinclorac	H-12
B-1046	quinmerac	H-12
B-1047	B-9	H-12
B-1048	diflufenzopyr	H-12
B-1049	diflufenzopyr-sodium	H-12
B-1050	clomazone	H-12
B-1051	diflufenican	H-12
B-1052	fluorochloridone	H-12
B-1053	isoxaflutol	H-12
B-1054	mesotrione	H-12
B-1055	picolinafen	H-12
B-1056	sulcotrione	H-12
B-1057	tefuryltrione	H-12
B-1058	tembotrione	H-12
B-1059	topramezone	H-12
B-1060	H-7	H-12
B-1061	atrazine	H-12
B-1062	diuron	H-12
B-1063	fluometuron	H-12
B-1064	hexazinone	H-12
B-1065	isoproturon	H-12
B-1066	metribuzin	H-12
B-1067	propanil	H-12
B-1068	terbuthylazine	H-12
B-1069	paraquat dichloride	H-12
B-1070	flumioxazin	H-12
B-1071	oxyfluorfen	H-12
B-1072	saflufenacil	H-12
B-1073	sulfentrazone	H-12
B-1074	H-1	H-12
B-1075	H-2	H-12
B-1076	glyphosate	H-12
B-1077	glyphosate-isopropylammonium	H-12
B-1078	glyphosate-trimesium (sulfosate)	H-12
B-1079	glufosinate	H-12
B-1080	glufosinate-ammonium	H-12

	Herbicide(s) B	Safener C
B-1081	pendimethalin	H-12
B-1082	trifluralin	H-12
B-1083	acetochlor	H-12
B-1084	cafenstrole	H-12
B-1085	dimethenamid-P	H-12
B-1086	fentrazamide	H-12
B-1087	flufenacet	H-12
B-1088	mefenacet	H-12
B-1089	metazachlor	H-12
B-1090	metolachlor-S	H-12
B-1091	pyroxasulfone	H-12
B-1092	isoxaben	H-12
B-1093	dymron	H-12
B-1094	indanofan	H-12
B-1095	oxaziclomefone	H-12
B-1096	triaziflam	H-12
B-1097	atrazine + H-1	H-12
B-1098	atrazine + glyphosate	H-12
B-1099	atrazine + mesotrione	H-12
B-1100	atrazine + nicosulfuron	H-12
B-1101	atrazine + tembotrione	H-12
B-1102	atrazine + topramezone	H-12
B-1103	clomazone + glyphosate	H-12
B-1104	diflufenican + clodinafop-propargyl	H-12
B-1105	diflufenican + fenoxaprop-P-ethyl	H-12
B-1106	diflufenican + flupyrsulfuron-methyl-sodium	H-12
B-1107	diflufenican + glyphosate	H-12
B-1108	diflufenican + mesosulfuron-methyl	H-12
B-1109	diflufenican + pinoxaden	H-12
B-1110	diflufenican + pyroxsulam	H-12
B-1111	flumetsulam + glyphosate	H-12
B-1112	flumioxazin + glyphosate	H-12
B-1113	imazapic + glyphosate	H-12
B-1114	imazethapyr + glyphosate	H-12
B-1115	isoxaflutol + H-1	H-12
B-1116	isoxaflutol + glyphosate	H-12
B-1117	metazachlor + H-1	H-12
B-1118	metazachlor + glyphosate	H-12
B-1119	metazachlor + mesotrione	H-12

	Herbicide(s) B	Safener C
B-1120	metazachlor + nicosulfuron	H-12
B-1121	metazachlor + terbuthylazine	H-12
B-1122	metazachlor + topramezone	H-12
B-1123	metribuzin + glyphosate	H-12
B-1124	pendimethalin + H-1	H-12
B-1125	pendimethalin + clodinafop-propargyl	H-12
B-1126	pendimethalin + fenoxaprop-P-ethyl	H-12
B-1127	pendimethalin + flupyrsulfuron-methyl-sodium	H-12
B-1128	pendimethalin + glyphosate	H-12
B-1129	pendimethalin + mesosulfuron-methyl	H-12
B-1130	pendimethalin + mesotrione	H-12
B-1131	pendimethalin + nicosulfuron	H-12
B-1132	pendimethalin + pinoxaden	H-12
B-1133	pendimethalin + pyroxsulam	H-12
B-1134	pendimethalin + tembotrione	H-12
B-1135	pendimethalin + topramezone	H-12
B-1136	pyroxasulfone + tembotrione	H-12
B-1137	pyroxasulfone + topramezone	H-12
B-1138	sulfentrazone + glyphosate	H-12
B-1139	terbuthylazine + H-1	H-12
B-1140	terbuthylazine + foramsulfuron	H-12
B-1141	terbuthylazine + glyphosate	H-12
B-1142	terbuthylazine + mesotrione	H-12
B-1143	terbuthylazine + nicosulfuron	H-12
B-1144	terbuthylazine + tembotrione	H-12
B-1145	terbuthylazine + topramezone	H-12
B-1146	trifluralin + glyphosate	H-12
B-1147	2-1	--
B-1148	2-2	--
B-1149	2-3	--
B-1150	2-4	--
B-1151	2-5	--
B-1152	2-6	--
B-1153	2-7	--
B-1154	2-8	--
B-1155	2-9	--
B-1156	2-1	benoxacor
B-1157	2-2	benoxacor
B-1158	2-3	benoxacor

	Herbicide(s) B	Safener C
B-1159	2-4	benoxacor
B-1160	2-5	benoxacor
B-1161	2-6	benoxacor
B-1162	2-7	benoxacor
B-1163	2-8	benoxacor
B-1164	2-9	benoxacor
B-1165	2-1	cloquintocet
B-1166	2-2	cloquintocet
B-1167	2-3	cloquintocet
B-1168	2-4	cloquintocet
B-1169	2-5	cloquintocet
B-1170	2-6	cloquintocet
B-1171	2-7	cloquintocet
B-1172	2-8	cloquintocet
B-1173	2-9	cloquintocet
B-1174	2-1	cyprosulfamide
B-1175	2-2	cyprosulfamide
B-1176	2-3	cyprosulfamide
B-1177	2-4	cyprosulfamide
B-1178	2-5	cyprosulfamide
B-1179	2-6	cyprosulfamide
B-1180	2-7	cyprosulfamide
B-1181	2-8	cyprosulfamide
B-1182	2-9	cyprosulfamide
B-1183	2-1	dichlormid
B-1184	2-2	dichlormid
B-1185	2-3	dichlormid
B-1186	2-4	dichlormid
B-1187	2-5	dichlormid
B-1188	2-6	dichlormid
B-1189	2-7	dichlormid
B-1190	2-8	dichlormid
B-1191	2-9	dichlormid
B-1192	2-1	fenchlorazole
B-1193	2-2	fenchlorazole
B-1194	2-3	fenchlorazole
B-1195	2-4	fenchlorazole
B-1196	2-5	fenchlorazole
B-1197	2-6	fenchlorazole

	Herbicide(s) B	Safener C
B-1198	2-7	fenchlorazole
B-1199	2-8	fenchlorazole
B-1200	2-9	fenchlorazole
B-1201	2-1	isoxadifen
B-1202	2-2	isoxadifen
B-1203	2-3	isoxadifen
B-1204	2-4	isoxadifen
B-1205	2-5	isoxadifen
B-1206	2-6	isoxadifen
B-1207	2-7	isoxadifen
B-1208	2-8	isoxadifen
B-1209	2-9	isoxadifen
B-1210	2-1	mefenpyr
B-1211	2-2	mefenpyr
B-1212	2-3	mefenpyr
B-1213	2-4	mefenpyr
B-1214	2-5	mefenpyr
B-1215	2-6	mefenpyr
B-1216	2-7	mefenpyr
B-1217	2-8	mefenpyr
B-1218	2-9	mefenpyr
B-1219	2-1	H-11
B-1220	2-2	H-11
B-1221	2-3	H-11
B-1222	2-4	H-11
B-1223	2-5	H-11
B-1224	2-6	H-11
B-1225	2-7	H-11
B-1226	2-8	H-11
B-1227	2-9	H-11
B-1228	2-1	H-12
B-1229	2-2	H-12
B-1230	2-3	H-12
B-1231	2-4	H-12
B-1232	2-5	H-12
B-1233	2-6	H-12
B-1234	2-7	H-12
B-1235	2-8	H-12
B-1236	2-9	H-12

The compounds of formula I and the compositions according to the invention may also have a plant-strengthening action. Accordingly, they are suitable for mobilizing the defense system of the plants against attack by unwanted microorganisms, such as harmful fungi, but also viruses and bacteria. Plant-strengthening (resistance-inducing) substances are to be understood as meaning, in the present context, those substances which are capable of stimulating the defense system of treated plants in such a way that, when subsequently inoculated by unwanted microorganisms, the treated plants display a substantial degree of resistance to these microorganisms.

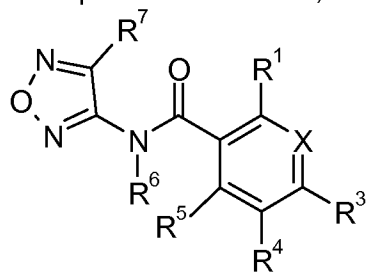
The compounds of formula I can be employed for protecting plants against attack by unwanted microorganisms within a certain period of time after the treatment. The period of time within which their protection is effected generally extends from 1 to 28 days, preferably from 1 to 14 days, after the treatment of the plants with the compounds of formula I, or, after treatment of the seed, for up to 9 months after sowing.

The compounds of formula I and the compositions according to the invention are also suitable for increasing the harvest yield.

Moreover, they have reduced toxicity and are tolerated well by the plants.

Claims

1. An 1,2,5-oxadiazole compound of formula I,



I

an N-oxide or an agriculturally suitable salt thereof,

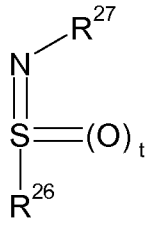
wherein

R^1 is selected from the group consisting of halogen, C_1-C_8-alkyl, C_1-C_8-haloalkyl, nitro, C_1-C_4-alkoxy-C_1-C_4-alkyl, cyano-Z^1, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_3-C_{10}-cycloalkyl-Z^1, C_2-C_8-haloalkenyl, C_3-C_8-haloalkynyl, C_1-C_8-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^1, R^{1b}-$S(O)_k$-Z^1, phenoxy-Z^1 and heterocyclyloxy-Z^1, where heterocyclyloxy is an oxygen bound 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenoxy and heterocyclyloxy are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{11}, which are identical or different;

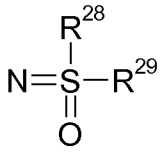
X is N or CR^2;

R^2 is selected from the group consisting of hydrogen, halogen, hydroxy-Z^2, nitro, C_1-C_4-nitroalkyl, cyano, C_1-C_4-cyanoalkyl, C_1-C_6-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_3-C_{10}-cycloalkyl-Z^2, C_3-C_{10}-cycloalkoxy-Z^2, where the C_3-C_{10}-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_8-haloalkyl, C_2-C_8-haloalkenyl, C_3-C_8-haloalkynyl, C_1-C_8-alkoxy-Z^2, C_1-C_8-haloalkoxy-Z^2, C_3-C_{10}-cycloalkyl-C_1-C_2-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^2, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^2, C_2-C_8-alkenyloxy-Z^2, C_2-C_8-alkynyloxy-Z^2, C_2-C_8-haloalkenyloxy-Z^2, C_3-C_8-haloalkynyloxy-Z^2, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^2, (tri-C_1-C_4-alkyl)silyl-Z^2, R^{2b}-$S(O)_k$-Z^2, R^{2c}-C(=O)-Z^2, R^{2d}O-C(=O)-Z^2, R^{2d}O-N=CH-Z^2, R^{2d}O-N=CC_1-C_4-alkyl-Z^2, R^{2d}O-N=CC_1-C_4-haloalkyl-Z^2, $R^{2c}R^{2d}$C=N-O-C_1-C_4-alkyl, $R^{2e}R^{2f}$N-C(=O)-Z^2, $R^{2g}R^{2h}$N-Z^2, phenyl-Z^{2a}, heterocyclyl-Z^{2a}, where heterocyclyl is a 3-, 4-, 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenyl-Z^{2a} and heterocyclyl-Z^{2a} are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{21}, which are identical or different,

rhodano, C_3-C_6-cycloalkenyl, $OC(O)OR^{22}$, $OC(O)N(R^{22})_2$, $ONC(R^{23})_2$, OSO_2R^{25}, SO_2OR^{22}, $SO_2N(R^{22})_2$, $N(R^{22})C(O)OR^{22}$, $N(R^{22})C(O)N(R^{22})_2$, $C(O)N(R^{22})OR^{22}$, $P(O)(O\text{-}C_1\text{-}C_4\text{-alkyl})_2$, C_1-C_6-alkyl-$OC(O)R^{22}$, C_1-C_6-alkyl-OSO_2R^{25}, C_1-C_6-alkyl-SO_2OR^{22}, C_1-C_6-alkyl-$SO_2N(R^{22})_2$, C_1-C_6-alkyl-$P(O)(O\text{-}C_1\text{-}C_4\text{-alkyl})_2$,



and



;

R^3 is selected from the group consisting of hydrogen, halogen, hydroxy-Z^2, nitro, C_1-C_4-nitroalkyl, cyano, C_1-C_4-cyanoalkyl, C_1-C_6-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_3-C_{10}-cycloalkyl-Z^2, C_3-C_{10}-cycloalkoxy-Z^2, where the C_3-C_{10}-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_8-haloalkyl, C_2-C_8-haloalkenyl, C_3-C_8-haloalkynyl, C_1-C_8-alkoxy-Z^2, C_1-C_8-haloalkoxy-Z^2, C_3-C_{10}-cycloalkyl-C_1-C_2-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^2, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^2, C_2-C_8-alkenyloxy-Z^2, C_2-C_8-alkynyloxy-Z^2, C_2-C_8-haloalkenyloxy-Z^2, C_3-C_8-haloalkynyloxy-Z^2, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^2, (tri-C_1-C_4-alkyl)silyl-Z^2, R^{2b}-$S(O)_k$-Z^2, R^{2c}-$C(=O)$-Z^2, $R^{2d}O$-$C(=O)$-Z^2, $R^{2d}O$-$N=CH$-Z^2, $R^{2c}R^{2d}C=N$-O-C_1-C_4-alkyl, $R^{2e}R^{2f}N$-$C(=O)$-Z^2, $R^{2g}R^{2h}N$-Z^2, phenyl-Z^{2a}, heterocyclyl-Z^{2a}, where heterocyclyl is a 3-, 4-, 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenyl-Z^{2a} and heterocyclyl-Z^{2a} are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{21}, which are identical or different,
rhodano, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkenyl, C_3-C_6-cycloalkenyl-C_1-C_6-alkyl, C_3-C_6-halocycloalkenyl-C_1-C_6-alkyl, $OC(O)R^{22}$, $OC(O)OR^{25}$, $OC(O)N(R^{22})_2$, OSO_2R^{25}, SO_2OR^{22}, $SO_2N(R^{22})_2$, $SO_2N(R^{22})C(O)R^{22}$, $SO_2N(R^{22})C(O)OR^{25}$, $SO_2N(R^{22})C(O)N(R^{22})_2$, $N(R^{22})C(O)OR^{25}$, $N(R^{22})C(O)N(R^{22})_2$, $N(R^{22})S(O)_2OR^{22}$, $N(R^{22})S(O)_2N(R^{22})_2$, $C(O)N(R^{22})OR^{22}$, $C(O)N(R^{22})N(R^{22})_2$, $C(O)N(R^{22})C(O)R^{22}$, $C(O)N(R^{22})C(O)OR^{25}$, $C(O)N(R^{22})C(O)N(R^{22})_2$, $C(O)N(R^{22})SO_2R^{25}$, $C(O)N(R^{22})SO_2OR^{22}$, $C(O)N(R^{22})SO_2N(R^{22})_2$, $P(O)(OH)_2$, $P(O)(O\text{-}C_1\text{-}C_4\text{-alkyl})_2$, C_1-C_6-alkyl-$OC(O)R^{22}$, C_1-C_6-alkyl-$OC(O)OR^{25}$, C_1-C_6-alkyl-$OC(O)N(R^{22})_2$, C_1-C_6-alkyl-OSO_2R^{25}, C_1-C_6-alkyl-SO_2OR^{22}, C_1-C_6-alkyl-$SO_2N(R^{22})_2$, C_1-C_6-alkyl-$SO_2N(R^{22})C(O)R^{22}$, C_1-C_6-alkyl-$SO_2N(R^{22})C(O)OR^{25}$, C_1-C_6-alkyl-$SO_2N(R^{22})C(O)N(R^{22})_2$, C_1-C_6-alkyl-$N(R^{22})C(O)OR^{25}$, C_1-C_6-alkyl-$N(R^{22})C(O)N(R^{22})_2$, C_1-C_6-alkyl-$N(R^{22})S(O)_2OR^{22}$, C_1-C_6-alkyl-$N(R^{22})S(O)_2N(R^{22})_2$, C_1-C_6-alkyl-$C(O)N(R^{22})OR^{22}$, C_1-C_6-alkyl-$C(O)N(R^{22})N(R^{22})_2$, C_1-C_6-alkyl-$C(O)N(R^{22})C(O)R^{22}$, C_1-C_6-alkyl-$C(O)N(R^{22})C(O)OR^{25}$, C_1-C_6-alkyl-$C(O)N(R^{22})C(O)N(R^{22})_2$, C_1-C_6-alkyl-$C(O)N(R^{22})SO_2R^{25}$, C_1-C_6-alkyl-$C(O)N(R^{22})SO_2OR^{22}$, C_1-C_6-alkyl-$C(O)N(R^{22})SO_2N(R^{22})_2$, C_1-C_6-alkyl-$P(O)(OH)_2$ and C_1-C_6-alkyl-$P(O)(O\text{-}C_1\text{-}C_4\text{-alkyl})_2$;

R^4 is selected from the group consisting of hydrogen, halogen, C_1-C_8-alkyl, cyano- Z^1, nitro, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-haloalkyl, C_1-C_3-alkylamino, C_1-C_3-dialkylamino, C_1-C_3-alkylamino-$S(O)_k$, C_1-C_3-alkylcarbonyl, C_1-C_8-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^1, R^{1b}-$S(O)_k$-Z^1, phenoxy-Z^1 and heterocyclyloxy-Z^1, where heterocyclyloxy is an oxygen bound 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenoxy and heterocyclyloxy are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{11}, which are identical or different;

R^5 is selected from the group consisting of halogen, cyano- Z^1, nitro, C_1-C_8-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-haloalkyl, C_1-C_3-alkylamino, C_1-C_3-dialkylamino, C_1-C_3-alkylamino-$S(O)_k$, C_1-C_3-alkylcarbonyl, C_1-C_8-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy-Z^1, R^{1b}-$S(O)_k$-Z^1, phenoxy-Z^1 and heterocyclyloxy-Z^1, where heterocyclyloxy is an oxygen bound 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where the cyclic groups in phenoxy and heterocyclyloxy are unsubstituted or substituted by 1, 2, 3 or 4 groups R^{11}, which are identical or different;

R^6 is selected from the group consisting of cyano, nitro, hydroxy, amino, C_1-C_6-alkyl, C_1-C_6-cyano-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_1-C_6-alkoxy, C_1-C_6-alkylcarbonyl, C_1-C_6-alkyaminocarbonyl, C_1-C_6-dialkyl-aminocarbonyl, C_1-C_6-alkyamino, C_1-C_6-dialkyl-amino, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, R^bR^bN-$S(O)_n$-Z, R^bO-$S(O)_n$-Z, R^b-$S(O)_n$-Z, R^cR^cN-C_1-C_3-alkyl-$S(O)_n$-C_1-C_3-alkyl, R^c-C(=O)-C_1-C_3-alkyl, R^d-C(=O)O-C_1-C_3-alkyl , R^d-O-C(=O)O-C_1-C_3-alkyl ,R^dO-C(=O)-C_1-C_3-alkyl, R^eR^fN-C(=O)-C_1-C_3-alkyl, R^c-C(=O)R^eN-C_1-C_3-alkyl, R^b-$S(O)_n$-R^eN-C_1-C_3-alkyl, R^cR^cN-C_1-C_3-alkyl, phenyl-Z and heterocyclyl-Z, where heterocyclyl is a 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected

from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different;

R^7 is selected from the group consisting of hydrogen, cyano, nitro, halogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aformentioned radicals are unsubstituted or partially or completely halogenated,C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, O-R^a, Z-S(O)$_n$-R^b, Z-C(=O)-R^c, Z-C(=O)-OR^d, Z-C(=O)-NR^eR^f, Z-NR^gR^h, Z-phenyl and Z-heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic or 8-, 9- or 10-membered bicyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different;

R', R^{11}, R^{21} independently of each other are selected from the group consisting of halogen, NO_2, CN, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-halocycloalkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_6-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy, C_3-C_7-cycloalkoxy and C_1-C_6-haloalkyloxy, or two vicinal radicals R', R^{11} or R^{21} together may form a group =O;

Z, Z^1, Z^2 independently of each other are selected from the group consisting of a covalent bond and C_1-C_4-alkanediyl;

Z^{2a} is s Z^{2a} elected from the group consisting of a covalent bond, C_1-C_4-alkanediyl, O-C_1-C_4-alkanediyl, C_1-C_4-alkanediyl-O and C_1-C_4-alkanediyl-O-C_1-C_4-alkanediyl;

R^a is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aformentioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^b, R^{1b}, R^{2b} independently of each other are selected from the group consisting of C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, phenyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl and heterocyclyl are unsubstituted

or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^c, R^{2c} independently of each other are selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl, benzyl and heterocyclyl, where heterocyclyl is a 5- or 6-membered monocyclic saturated, partially unsaturated or aromatic heterocycle, which contains 1, 2, 3 or 4 heteroatoms as ring members, which are selected from the group consisting of O, N and S, where phenyl, benzyl and heterocyclyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^d, R^{2d} independently of each other are selected from the group consisting of C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^e, R^f independently of each other are selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy, or

R^e, R^f together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^{2e}, R^{2f} independently of each other have the meanings given for R^e, R^f;

R^g is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylsulfonyl, C_1-C_4-alkylcarbonyl, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^h is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_3-C_7-cycloalkyl, C_3-C_7-cycloalkyl-C_1-C_4-alkyl, where the C_3-C_7-cycloalkyl groups in the two aforementioned radicals are unsubstituted or partially or completely halogenated, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylsulfonyl, C_1-C_4-alkylcarbonyl, a radical C(=O)-R^k, phenyl and benzyl, where phenyl and benzyl are unsubstituted or substituted by 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy, or

R^g, R^h together with the nitrogen atom, to which they are bound may form a 5-, 6 or 7-membered, saturated or unsaturated N-bound heterocyclic radical, which may carry as a ring member a further heteroatom selected from O, S and N and which is unsubstituted or may carry 1, 2, 3 or 4 groups, which are identical or different and selected from the group consisting of =O, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy and C_1-C_4-haloalkoxy;

R^{2g}, R^{2h} independently of each other have the meanings given for R^g, R^h;

R^k has the meanings given for R^c;

R^{22} is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_3-C_6-haloalkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl,
phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, phenyl-N(R^{23})-C_1-C_6-alkyl, heteroaryl-N(R^{23})-C_1-C_6-alkyl, heterocyclyl-N(R^{23})-C_1-C_6-alkyl, phenyl-S(O)$_n$-C_1-C_6-alkyl, heteroaryl-S(O)$_n$-C_1-C_6-alkyl, heterocyclyl-S(O)$_n$-C_1-C_6-alkyl, where the 15 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, cyano, rhodano, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C(O)OR^{23}, C(O)N(R^{23})$_2$, OR^{23}, N(R^{23})$_2$, S(O)$_n$$R^{24}$, S(O)$_2OR^{23}$, S(O)$_2$N($R^{23}$)$_2$ and R^{23}O-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups;

R^{23} is selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl and phenyl;

R^{24} is selected from the group consisting of C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl and phenyl;

R^{25} is selected from the group consisting of C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_3-C_6-haloalkynyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, C_3-C_6-halocycloalkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_6-alkoxy-C_1-C_6-alkyl,
phenyl, phenyl-C_1-C_6-alkyl, heteroaryl, heteroaryl-C_1-C_6-alkyl, heterocyclyl, heterocyclyl-C_1-C_6-alkyl, phenyl-O-C_1-C_6-alkyl, heteroaryl-O-C_1-C_6-alkyl, heterocyclyl-O-C_1-C_6-alkyl, phenyl-N(R^{23})-C_1-C_6-alkyl, heteroaryl-N(R^{23})-C_1-C_6-alkyl, heterocyclyl-N(R^{23})-C_1-C_6-alkyl, phenyl-S(O)$_n$-C_1-C_6-alkyl, heteroaryl-S(O)$_n$-C_1-C_6-alkyl, heterocyclyl-S(O)$_n$-C_1-C_6-alkyl, where the 15 aforementioned radicals are substituted by s residues selected from the group consisting of nitro, halogen, cyano, rhodano, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-cycloalkyl, C(O)OR^{23}, C(O)N(R^{23})$_2$, OR^{23}, N(R^{23})$_2$, S(O)$_n$$R^{24}$, S(O)$_2OR^{23}$, S(O)$_2$N($R^{23}$)$_2$ and R^{23}O-C_1-C_6-alkyl, and where heterocyclyl bears 0, 1 or 2 oxo groups;

R^{26} is C_1-C_6-alkyl or C_1-C_4-alkoxy-C_1-C_4-alkyl;

R^{27} is selected from the group consisting of hydrogen, cyano and C_1-C_4-haloalkylcarbonyl;

R^{28}, R^{29} independently of each other are C_1-C_6-alkyl, or

R^{28}, R^{29} together with the sulfur atom, to which they are bound may form a 5- or 6-membered saturated ring, which may carry as a ring member 1 oxygen atom;

k is 0, 1 or 2;
n is 0, 1 or 2;
s is 0, 1, 2 or 3;
t is 0 or 1.

2. The compound as claimed in claim 1, an N-oxide or an agriculturally suitable salt thereof, where R^1 is selected from the group consisting of cyano, halogen, nitro, C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-Z^1, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-Z^1, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_1-C_6-haloalkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy and $R1^b$-S(O)$_k$, where Z^1 is as defined in claim 1, where k is 0, 1 or 2 and where R^{1b} is selected from C_1-C_4-alkyl and C_1-C_4-haloalkyl.

3. The compound as claimed in any one of claims 1 or 2, an N-oxide or an agriculturally suitable salt thereof, where R^1 is selected from the group consisting of halogen, cyano, nitro, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkylthio-C_1-C_4-alkylthio-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_4-alkenyloxy, C_3-C_4-alkynyloxy, C_1-C_4-alkoxy-C_1-C_4-alkoxy, C_1-C_4-haloalkoxy-C_1-C_4-alkoxy, C_1-C_4-alkyl-$S(O)_k$ and C_1-C_4-haloalkyl-$S(O)_k$, where k is 0 or 2.

4. The compound as claimed in any one of claims 1 to 3, an N-oxide or an agriculturally suitable salt thereof, where R^1 is selected from the group consisting of halogen, nitro, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio and C_1-C_4-alkylsulfonyl.

5. The compound as claimed in any one of claims 1 to 4, an N-oxide or an agriculturally suitable salt thereof, where X is N.

6. The compound as claimed in any one of claims 1 to 4, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and R^2 is not hydrogen.

7. The compound as claimed in any one of claims 1 to 4, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and R^2 is hydrogen.

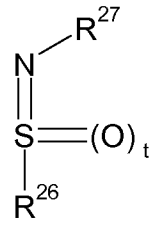
8. The compound as claimed in any one of claims 1 to 4 and 6, an N-oxide or an agriculturally suitable salt thereof, where R^2 is 5- or 6-membered heterocyclyl, where heterocyclyl is a saturated, partially unsaturated or aromatic heterocyclic radical, which contains as a ring member 1 heteroatom selected from the group consisting of O, N and S and 0, 1, 2 or 3 further nitrogen atoms, where heterocyclyl is unsubstituted or carries 1, 2 or 3 radicals R^{21} which are identical or different.

9. The compound as claimed in any one of claims 1 to 4 and 6, an N-oxide or an agriculturally suitable salt thereof, where R^2 is 5- or 6-membered heterocyclyl selected from the group consisting of isoxazolinyl, 1,2-dihydrotetrazolonyl, 1,4-dihydrotetrazolonyl, tetrahydrofuryl, dioxolanyl, piperidinyl, morpholinyl, piperazinyl, isoxazolyl, pyrazolyl, thiazolyl, oxazolyl, furyl, pyridinyl, pyrimidinyl and pyrazinyl, where heterocyclyl is unsubstituted or carries 1, 2 or 3 radicals R^{21} which are identical or different and selected from the group consisting of C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkylthio-C_1-C_4-alkyl.

10. The compound as claimed in any one of claims 1 to 4 and 6, an N-oxide or an agriculturally suitable salt thereof, where R^2 is selected from the group consisting of hydrogen, halogen, C_1-C_6-alkyl, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-alkenyloxy, C_3-C_6-alkynyloxy, C_3-C_6-haloalkenyloxy, C_3-C_6-haloalkynyloxy, C_1-C_4-

alkoxy-C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, C_1-C_4-alkyl-$S(O)_k$ and C_1-C_4-haloalkyl-$S(O)_k$, where k is 0, 1 or 2, $N(C_1$-C_4-alkyl)$SO_2(C_1$-C_4-alkyl), isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl.

11. The compound as claimed in any one of claims 1 to 4 and 6, an N-oxide or an agriculturally suitable salt thereof, where R^2 is



,

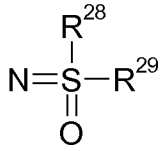
where

R^{26} is selected from the group consisting of methyl, ethyl and methoxyethyl,

R^{27} is selected from the group consisting of hydrogen, cyano and trifluoroacetyl,

t is 0 or 1;

or



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where

R^{28} is ethyl and R^{29} is ethyl, or

R^{28} and R^{29} together are $-(CH_2)_5-$ or $-(CH_2)_2-O-(CH_2)_2-$.

12. The compound as claimed in any one of claims 1 to 11, an N-oxide or an agriculturally suitable salt thereof, where R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_3-C_4-alkenyloxy, C_3-C_4-alkynyloxy or R^{2b}-$S(O)_k$, where k is 0, 1 or 2 and where R^{2b} is selected from C_1-C_4-alkyl and C_1-C_4-haloalkyl.

13. The compound as claimed in any one of claims 1 to 12, an N-oxide or an agriculturally suitable salt thereof, where R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio, C_1-C_4-alkyl-$S(O)_2$ and C_1-C_4-haloalkyl-$S(O)_2$.

14. The compound as claimed in any one of claims 1 to 13, an N-oxide or an agriculturally suitable salt thereof, where R^4 is selected from the group consisting of hydrogen, CHF_2, CF_3, CN, NO_2, CH_3 and halogen.

15. The compound as claimed in any one of claims 1 to 14, an N-oxide or an agriculturally suitable salt thereof, where R^5 is selected from the group consisting of CHF_2, CF_3 and halogen.

16. The compound as claimed in any one of claims 1 to 15, an N-oxide or an agriculturally suitable salt thereof, where R^6 is selected from the group consisting of cyano, C_1-C_6-alkyl, C_1-C_6-cyano-alkyl, C_1-C_6-alkoxy, C_2-C_6-alkenyl, C_2-C_6-haloalkenyl, C_2-C_6-alkynyl, C_2-C_6-haloalkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-haloalkoxy-C_1-C_4-alkyl, R^bR^bN-$S(O)_n$-Z, R^bO-$S(O)_n$-Z, R^b-$S(O)_n$-Z, R^d-C(=O)O-C_1-C_3-alkyl , R^d-O-C(=O)O-C_1-C_3-alkyl , R^dO-C(=O)-C_1-C_3-alkyl, R^eR^fN-C(=O)-C_1-C_3-alkyl, phenyl-Z and where phenyl is unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different.

17. The compound as claimed in any one of claims 1 to 16, an N-oxide or an agriculturally suitable salt thereof, where R^6 is selected from the group consisting of C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, R^dO-C(=O)-C_1-C_3-alkyl, phenyl-Z and where phenyl is unsubstituted or substituted by 1, 2, 3 or 4 groups R', which are identical or different.

18. The compound as claimed in any one of claims 1 to 17, an N-oxide or an agriculturally suitable salt thereof, where R^7 is selected from the group consisting of C_1-C_4-alkyl, C_3-C_7-cycloalkyl, C_1-C_4-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_4-alkoxy and C_1-C_4-alkoxy-C_1-C_4-alkyl.

19. The compound as claimed in any one of claims 1 to 18, an N-oxide or an agriculturally suitable salt thereof, where

R^1 is selected from the group consisting of halogen, nitro, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio and C_1-C_4-alkylsulfonyl; and

R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio and C_1-C_4-alkylsulfonyl.

20. The compound as claimed in claim 1, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and the variables R^1, R^2, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of halogen, nitro, cyclopropyl, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkyl-$S(O)_2$;

R^2 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_3-C_6-cycloalkyl-C_1-C_2-alkoxy, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_1-C_2-haloalkoxy-C_1-C_2-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkoxy, C_1-C_4-alkyl-$S(O)_k$, where k is 0, 1 or 2, N(C_1-C_4-alkyl)SO_2(C_1-C_4-alkyl), isoxazolyl and isoxazolinyl, where the last two mentioned radicals may be unsubstituted or carry 1 or 2 radicals selected from halogen and C_1-C_4-alkyl;

R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkyl-$S(O)_2$;

R^4 is selected from the group consisting of hydrogen, cyano, methyl and halogen;

R^5 is selected from the group consisting of halogen, CHF_2 and CF_3;

R^6 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_1-C_4-alkoxycarbonyl-C_1-C_4-alkyl and phenyl-C_1-C_2-alkyl;

R^7 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_4-alkoxy and C_1-C_2-alkoxy-C_1-C_2-alkyl.

21. The compound as claimed in claim 1, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and the variables R^1, R^2, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of chlorine, nitro, methyl, cyclopropyl, trifluoromethyl, methoxymethyl, $CH_2OCH_2CH_2OCH_3$ and methylsulfonyl;

R^2 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, methoxy, ethoxy, OCH_2(cyclo-C_3H_5), $OCHF_2$, OCH_2CF_3, $OCH_2CH_2OCH_3$, methoxymethyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfinyl, ethylsulfinyl, methylsulfanyl, ethylsulfanyl, $NCH_3SO_2CH_3$, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl;

R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, bromine, cyano, nitro, methyl, trifluoromethyl and methylsulfonyl;

R^4 is selected from the group consisting of hydrogen, cyano, methyl, chlorine and fluorine;

R^5 is selected from the group consisting of chlorine and fluorine;

R^6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-enyl, prop-2-ynyl, methoxycarbonylmethyl and benzyl;

R^7 is selected from the group consisting of methyl, ethyl, propyl, methoxy, ethoxy, methoxymethyl, methoxyethyl and ethoxymethyl.

22. The compound as claimed in claim 1, an N-oxide or an agriculturally suitable salt thereof, where X is N and the variables R^1, R^3, R^4, R^5, R^6 and R^7 have the following meanings:

R^1 is selected from the group consisting of halogen, nitro, cyclopropyl, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkoxy-C_1-C_4-alkyl and C_1-C_4-alkyl-$S(O)_2$;

R^3 is selected from the group consisting of hydrogen, halogen, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-haloalkyl and C_1-C_4-alkyl-$S(O)_2$;

R^4 is selected from the group consisting of hydrogen, cyano, methyl and halogen;

R^5 is selected from the group consisting of halogen, CHF_2 and CF_3;

R^6 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_2-C_4-alkenyl, C_2-C_4-alkynyl, C_1-C_4-alkoxycarbonyl-C_1-C_4-alkyl and phenyl-C_1-C_2-alkyl;

R^7 is selected from the group consisting of C_1-C_4-alkyl, C_1-C_4-alkoxy and C_1-C_2-alkoxy-C_1-C_2-alkyl.

23. The compound as claimed in claim 1, an N-oxide or an agriculturally suitable salt thereof, where X is N and the variables R^1, R^3, R^4, R^5, R^6 and R^7 have the following meanings:
R^1 is selected from the group consisting of chlorine, nitro, methyl, cyclopropyl, trifluoromethyl, methoxymethyl, $CH_2OCH_2CH_2OCH_3$ and methylsulfonyl;
R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, bromine, cyano, nitro, methyl, trifluoromethyl and methylsulfonyl;
R^4 is selected from the group consisting of hydrogen, cyano, methyl, chlorine and fluorine;
R^5 is selected from the group consisting of chlorine and fluorine;
R^6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-enyl, prop-2-ynyl, methoxycarbonylmethyl and benzyl;
R^7 is selected from the group consisting of methyl, ethyl, propyl, methoxy, ethoxy, methoxymethyl, methoxyethyl and ethoxymethyl.

24. The compound as claimed in claim 1, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and the variables R^1, R^2, R^3, R^4, R^5, R^6 and R^7 have the following meanings:
R^1 is selected from the group consisting of chlorine, nitro, methyl, cyclopropyl, trifluoromethyl, methoxymethyl, $CH_2OCH_2CH_2OCH_3$ and methylsulfonyl;
R^2 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, $CH_2OCH_2CF_3$, methylsulfonyl, ethylsulfonyl, methylsulfanyl, ethylsulfanyl, 3-isoxazolinyl, 5-methyl-3-isoxazolinyl, 5-isoxazolinyl, 3-methyl-5-isoxazolinyl, 3-isoxazolyl, 5-methyl-3-isoxazolyl, 5-isoxazolyl and 3-methyl-5-isoxazolyl;
R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, cyano, nitro, methyl, trifluoromethyl and methylsulfonyl;
R^4 is selected from the group consisting of hydrogen, cyano, methyl, chlorine and fluorine;
R^5 is selected from the group consisting of chlorine and fluorine;
R^6 is selected from the group consisting of methyl, ethyl, methoxymethyl, ethoxymethyl, prop-2-ynyl and methoxycarbonylmethyl;
R^7 is selected from the group consisting of methyl, ethyl and methoxy.

25. The compound as claimed in any one of claims 1 to 4 and 6 to 24, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and the variable R^3 is not hydrogen.

26. The compound as claimed in any one of claims 1 to 4, 6 and 8 to 24, an N-oxide or an agriculturally suitable salt thereof, where X is CR^2 and the variables R^2 and R^3 are not hydrogen.

27. A composition comprising at least one compound as claimed in any one of claims 1 to 26, an N-oxide or an agriculturally suitable salt thereof, and at least one auxiliary, which is customary for formulating crop protection compounds.

28. The use of a compound as claimed in any one of claims 1 to 26, an N-oxide or an agriculturally suitable salt thereof, or a composition of claim 27 for controlling unwanted vegetation.

29. A method for controlling unwanted vegetation which comprises allowing a herbicidally effective amount of at least one compound as claimed in any one of claims 1 to 26, an N-oxide or an agriculturally suitable salt thereof, or a composition of claim 27 to act on plants, their seed and/or their habitat.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2014/071382

A. CLASSIFICATION OF SUBJECT MATTER
INV. C07D413/12 A01N43/82 C07D471/04 C07D471/12
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data, BIOSIS, CHEM ABS Data, COMPENDEX, EMBASE, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2013/072450 A1 (BASF SE [DE]) 23 May 2013 (2013-05-23) claim 1 -----	1-29
X	WO 2013/072300 A1 (BASF SE [DE]) 23 May 2013 (2013-05-23) claim 1 -----	1-29

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
2 December 2014	12/12/2014

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2014/071382

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