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(71) Applicant (for all designated States except US): **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KSHIRSAGAR, Tushar, A.** [IN/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LUNDQUIST, Gregory, D., Jr.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **DELLARIA, Joseph, F., Jr.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **RADMER, Matthew, R.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **ZIMMERMANN, Bernhard, M.** [CH/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) Agents: **ERSFELD, Dean, A.** et al.; 3M Center, Office Of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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(54) Title: OXIME AND HYDROXYLAMINE SUBSTITUTED IMIDAZO[4,5-C] RING COMPOUNDS AND METHODS

(57) Abstract: Imidazo[4,5-c] ring compounds, (e.g. imidazo[4,5-c]pyridines, imidazo[4,5-c]quinolines, 6,7,8,9-tetrahydro imidazo[4,5-c]quinolines, imidazo[4,5-c]naphthyridine, and 6,7,8,9-tetrahydro imidazo[4,5-c]naphthyridine compounds) having an oxime or hydroxylamine substituent at the 2-position, pharmaceutical compositions containing the compounds, intermediates, and methods of making and methods of use of these compounds as immunomodulators, for modulating cytokine biosynthesis in animals and in the treatment of diseases including viral and neoplastic diseases are disclosed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/04737

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **C07D 471/04**(2006.01),**471/14**(2006.01);**A61K31/15, 31/437**

USPC: 546/118,82,84;514/293,303

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)

U.S. : 546/118,82,84; 514/293,303

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)
STN structure, file registry, file caplus.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,P	WO 2005/051324 (3M INNOVATIVE PROPERTIES COMPANY) 09 June 2005 (09.06.2005). The reference teaches similar compounds but the substitution is at a different position making them position isomers. See Rn 853226-88-7.	1-36
Y,P	WO 2005/051317 A2 (3M INNOVATIVE3 PROPERTIES COMPANY) 09 June 2005 (09.06.2005). The reference teaches similar compounds for the same use , however the substitution is at a different location, making them positional isomers. See RN 853012-45-0	1-36
Y,P	WO 2005/048945 A2 (3M INNOVATIVE PROPERTIES COMPANY) 02 June 2005 (02.06.2005). The reference teaches similar compounds.	1-36
Y,P	WO 2005/018556 A2 (3M INNOVATIVE PROPERTIES COMPANIES) 03 March 2005 (03.03.2005). The reference teaches similar compounds with a substitution at a different location, making them isomers.	1-36

Further documents are listed in the continuation of Box C.

See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means		
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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Rita J. Desai

Telephone No. 703-308-1235