

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 August 2006 (24.08.2006)

PCT

(10) International Publication Number
WO 2006/089009 A3

(51) International Patent Classification:
G01N 33/566 (2006.01) **A61K 31/443** (2006.01)

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(21) International Application Number:
PCT/US2006/005450

(22) International Filing Date:
18 February 2006 (18.02.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/654,684 18 February 2005 (18.02.2005) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

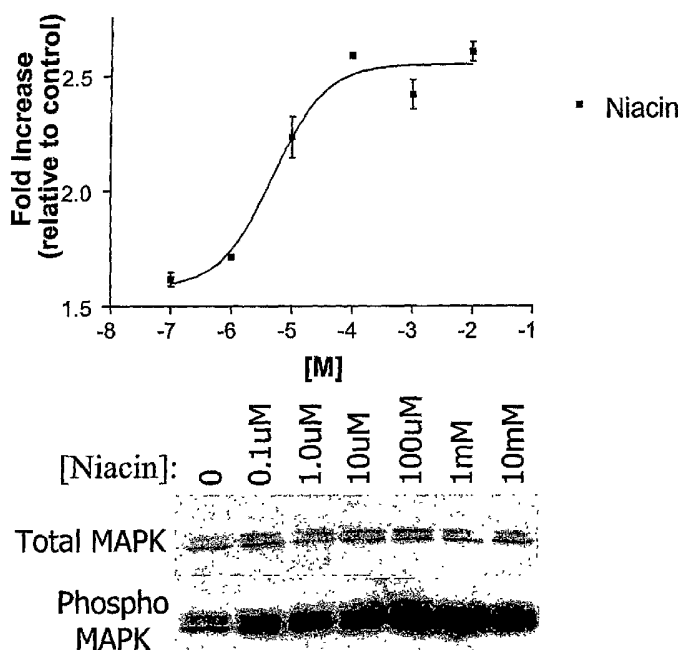
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: METHODS AND COMPOSITIONS FOR THE TREATMENT OF LIPID-ASSOCIATED DISORDERS



(57) Abstract: The invention provides a method of identifying a niacin receptor modulator with reduced flushing effect compared to niacin or a niacin analog, comprising determining the MAP kinase activity of said modulator, wherein a decrease in MAP kinase activity induced by said modulator compared to MAP kinase activity induced by niacin or a niacin analog indicates that said modulator has reduced flushing effect when compared to niacin or a niacin analog.

WO 2006/089009 A3



(88) Date of publication of the international search report:
21 December 2006

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/005450

A. CLASSIFICATION OF SUBJECT MATTER
INV. G01N33/566 A61K31/443

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)
G01N A61K

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 practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/254224 A1 (FOORD STEVEN MICHAEL ET AL) 16 December 2004 (2004-12-16) paragraphs [0001], [0005] - [0008], [0033], [0073] - [0076], [0134] claims 1-4	1-6
Y	WO 2004/103370 A (MERCK & CO., INC; MERCK FROSST CANADA & CO; CHENG, KANG; WATERS, M., G) 2 December 2004 (2004-12-02) abstract page 1, lines 5-35 ----- -/--	1-6

☒ 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 document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *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
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- *Z* document member of the same patent family

Date of the actual completion of the international search

18 September 2006

Date of mailing of the international search report

05/10/2006

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/005450

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HERK VAN T ET AL: "PYRAZOLE DERIVATIVES AS PARTIAL AGONISTS FOR THE NICOTINIC ACID RECEPTOR" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 46, no. 18, 28 August 2003 (2003-08-28), pages 3945-3951, XP001205944 ISSN: 0022-2623 cited in the application the whole document	7-24
Y	LIN LIH-LING ET AL: "CPLA-2 is phosphorylated and activated by MAP kinase" CELL, vol. 72, no. 2, 1993, pages 269-278, XP002398789 ISSN: 0092-8674 abstract page 269, left-hand column, paragraphs 1,2 page 269, right-hand column, paragraph 1 page 270; figure 1; table 1 page 273, right-hand column, paragraph 2 page 274, right-hand column, paragraph 5 - page 276, left-hand column, paragraph 1	1-6
A	WO 02/090524 A (MERCK & CO., INC; LOGRASSO, PHILIP; HAWKINS, JULIO; LISNOCK, JEAN MARI) 14 November 2002 (2002-11-14) abstract page 82, lines 3-8 page 108, line 11 - page 109, line 15	
A	US 2002/028798 A1 (DEMOPULOS GREGORY A ET AL) 7 March 2002 (2002-03-07) abstract paragraphs [0027] - [0032], [0133] - [0140], [0154] - [0160]	1-24
A	US 2004/142377 A1 (UNETT DAVID J ET AL) 22 July 2004 (2004-07-22) abstract	1-24
P,X	TANG ET AL: "Enhancement of arachidonic acid signaling pathway by nicotinic acid receptor HM74A" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 345, no. 1, 23 June 2006 (2006-06-23), pages 29-37, XP005438092 ISSN: 0006-291X the whole document	1-24

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2006/005450

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - ☒ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☒ on paper
 - ☒ in electronic form
 - c. time of filing/furnishing
 - ☒ contained in the international application as filed
 - ☐ filed together with the international application in electronic form
 - ☒ furnished subsequently to this Authority for the purpose of search
2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/005450

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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