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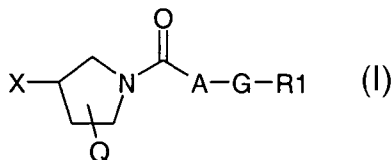
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- Declaration under Rule 4.17:**
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:
9 October 2008

(54) Title: AMINOPYRROLIDINES AS CHEMOKINE RECEPTOR ANTAGONISTS



(57) Abstract: The present invention is directed to novel aminopyrrolidines of formula (I), pharmaceutically acceptable salts thereof, metabolites thereof, isomers thereof, stereoisomers thereof or pro-drugs thereof, wherein the variables are as defined herein. The compounds of formula (I) are useful as chemokine receptor antagonists and as such would be useful in treating certain conditions and diseases, especially inflammatory conditions and diseases and proliferative disorders and conditions, for example, cancers.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/24076

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61K 31/445(2006.01);C07D 211/00(2006.01)**

USPC: **546/184;514/315**

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. : 546/184; 514/315

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)
EAST; STN CAS ON LINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3,320,124 (WALETZKY et al) 16 May 1967 (16.05.1967) entire document	14

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	"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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 22 June 2008 (22.06.2008)	Date of mailing of the international search report 25 JUL 2008
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 Kamal A. Saeed Telephone No. (571) 272 1600

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/24076

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 1-13 and 15-20
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
Please See Continuation Sheet

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.
 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

 4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
- Remark on Protest**
- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
 - The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
 - No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US07/24076

Continuation of Box II Reason 2:

The numerous variables e.g. A, G, X, Q, R1 etc and their voluminous, complex meaning and their virtual incomprehensible permutations and combinations make it impossible to determine the full scope and the complete meaning of the claimed subject matter. As presented the claims subject matter can not be regarded as being a clear and concise description for which protection is thought and as much the listed claims don't comply with requirement of PCT Article 6. Thus it is impossible to carryout a meaningful search on same. A search will be performed on the first discernable invention which is the claim 14.