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- (71) Applicant (for all designated States except US): CV
THERAPEUTICS, INC. [US/US]; 3172 Porter Drive,
Palo Alto, CA 94304 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ZENG, Dewan
[US/US]; 605 West Hillsdale Boulevard, San Mateo,
CA 94403 (US). BELARDINELLI, Luiz [US/US]; 205
Manzanita Avenue, Palo Alto, CA 94306 (US).
- (74) Agents: HARTRUM, J., Elin et al.; CV Therapeutics,
Inc., 3172 Porter Drive, Palo Alto, CA 94304 (US).
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(54) Title: METHOD OF WOUND HEALING USING A_{2B} ADENOSINE RECEPTOR ANTAGONISTS

(57) Abstract: The present invention relates to methods of wound healing using A_{2B} adenosine receptor antagonists. The invention also relates to methods for the preparation of such compounds, and to pharmaceutical compositions containing them.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2005/030838

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K31/522 A61P17/02 A61P1/04

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)
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, EMBASE, BIOSIS, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/229106 A1 (KALLA RAO ET AL) 11 December 2003 (2003-12-11) paragraph [0977] claim 28	68,69
Y	-----	1-67
Y	ROHOVSKY S AND D'AMORE P A: "Growth factors and angiogenesis in wound healing" GROWTH FACTORS WOUND HEALING, 1997, pages 8-26, XP002099410 page 9, last paragraph -----	1-67
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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
- *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

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Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Langer, O

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2005/030838

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>FEOKTISTOV I ET AL: "Adenosine A(2B) receptors" PHARMACOLOGICAL REVIEWS, WILLIAMS AND WILKINS INC., BALTIMORE, MD,, US, vol. 49, no. 4, 1997, pages 381-402, XP002113960 ISSN: 0031-6997 page 381, left-hand column, last line - right-hand column, line 3 page 393, right-hand column, paragraph 3 - page 394, left-hand column, paragraph 2</p>	1-67
A	<p>FEOKTISTOV I ET AL: "Adenosine A2B receptors: a novel therapeutic target in asthma?" TRENDS IN PHARMACOLOGICAL SCIENCES, ELSEVIER, HAYWARTH, GB, vol. 19, no. 4, 1 April 1998 (1998-04-01), pages 148-153, XP004117815 ISSN: 0165-6147 abstract</p>	1-67
P,A	<p>DATABASE MEDLINE [Online] US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; May 2005 (2005-05), DESAI AVANI ET AL: "Adenosine A2A receptor stimulation increases angiogenesis by down-regulating production of the antiangiogenic matrix protein thrombospondin 1." XP002390017 Database accession no. NLM15673602 abstract</p>	1-67
P,A	<p>& MOLECULAR PHARMACOLOGY. MAY 2005, vol. 67, no. 5, May 2005 (2005-05), pages 1406-1413, ISSN: 0026-895X</p>	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2005/030838

Box 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:

Although claims 1-67 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.:
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:
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 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 an additional fee, this Authority did not invite payment of any additional fee.
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.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2005/030838

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
US 2003229106	A1	11-12-2003	US 2003139428 A1	24-07-2003
			US 2005101778 A1	12-05-2005
			US 2005038045 A1	17-02-2005
