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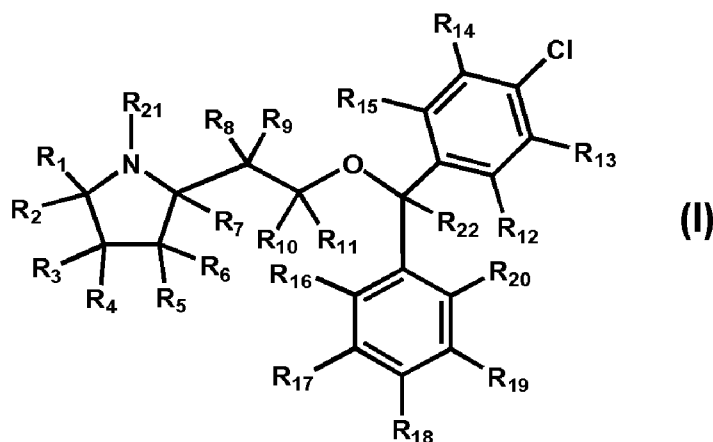
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(54) Title: SUBSTITUTED BENZHYDRYLETERS



(57) Abstract: Disclosed herein are substituted benzhydrylethers of Formula (I), processes of preparation thereof, pharmaceutical compositions thereof, and methods of their use thereof.

A. CLASSIFICATION OF SUBJECT MATTER*C07D 207/10(2006.01)i, C07D 207/12(2006.01)i, C07D 207/02(2006.01)i, A61P 37/08(2006.01)i*

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)

IPC C07D 207/10, C07D 207/12, C07D 207/02, A61P 37/08

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)

eKOMPASS (KIPO internal), NCBI (PubMed, MeSH), Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2007-023135 A1 (ALTANA PHARMA AG) 01 March 2007 See pp. 2, 45, 53-59, table A.	1-40
X	VIOLA HORVATH, et. al. 'High-performance liquid chromatographic-tandem mass spectrometric method for the determination of clemastine in human plasma.' J. Chromatogr. B. Analyt Technol. Biomed. Life Sci. 2005, Vol. 816, No. 1-2, pp. 153-159, ISSN 1570-0232.	1, 2, 7, 12, 13
Y	See pp. 153-154, figures 1-3.	3-6, 8-11, 14-40
Y	US 2002-0094995 A1 (ROBERT T. FOSTER, et. al.) 18 July 2002 See p.1, column 1, examples, abstract.	1-40
A	CHOI, MANHO, et. al. 'Identification of urinary metabolites of clemastine after oral administration to man.' Journal of Pharmacy and Pharmacology. 1999, Vol. 51, No. 1, pp. 53-59, ISSN 0022-3573. See the whole document.	1-40



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 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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Date of mailing of the international search report

11 AUGUST 2009 (11.08.2009)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/031704**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.: 41-52
because they relate to subject matter not required to be searched by this Authority, namely:
The claims pertain to methods for treatment of the human body by therapy, and thus relates to a subject matter which this international Searching Authority is not required, under Article 17(2)(a)(I) of the PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.
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 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 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 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

Information on patent family members

International application No.

PCT/US2009/031704

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2007-023135 A1	01.03.2007	AU 2006-283876 A1 CA 2619518 A1 EP 1926714 A1 JP 2009-504798 A	18.08.2006 01.03.2007 04.06.2008 05.02.2009
US 2002-0094995 A1	18.07.2002	AU 707748 B2 AU 1995-19441 B2 CN 1148843 A CN 1087725 C EP 0751926 A1 EP 0751926 B1 JP 09-510717 A JP 03-696884 B2 KR 10-2004-0068613 A KR 10-0477-0700000 B1 US 062201335 B1 US 5846514 A US 068108200 B2 WO 1995-026325 A3	22.07.1999 27.03.1995 30.04.1997 17.07.2002 08.01.1997 12.09.2007 28.10.1997 08.07.2005 31.07.2004 07.03.2005 24.04.2001 08.12.1998 16.11.2004 05.10.1995