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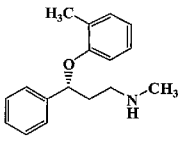
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(54) Title: AN IMPROVED PROCESS FOR SYNTHESIZING HIGHLY PURE ATOMOXETINE



(I)

(57) Abstract: The present invention relates to a process for the preparation of highly pure atomoxetine of formula (I) and pharmaceutically acceptable salts thereof Formula (I) The present invention also aims at novel processes for the preparation and purification of intermediates involved in the process of the present invention.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IN 2009/000236

A. CLASSIFICATION OF SUBJECT MATTER
IPC[8]: ***C07C 213/06*** (2006.01); ***C07C 213/02*** (2006.01)
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[8]: C07C

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)
Epoquenet/Epodoc, WPI, NPL; STN-International/HCaplus

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO2008/062473 A1 (CADILA HEALTHCARE Ltd. [IN]) 29 May 2008 (29.05.2008) *the whole document* --	1-29
Y	US4314081 A (MOLLOY, B. B. et al.) 2 February 1982 (02.02.1982) *column 2, line 63 - column 4, line 18, column 4, lines 53-63* *example 1* --	1, 4-17, 26-29
Y	EP0052492 A1 (ELI LILLY and Co. [US]) 26 May 1982 (26.05.1982) *the whole document* --	1, 4-17, 23-29

☒ 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
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"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
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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
9 September 2010 (09.09.2010)	5 October 2010 (05.10.2010)
Name and mailing address of the ISA/ AT **Austrian Patent Office** Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535	Authorized officer HATHAZI Istvan Telephone No. +36 / 1 / 474 / 5919

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO2007/009405 A1 (ZENTIVA, A.S. [CZ]) 25 January 2007 (25.01.2007) *the whole document*	1, 4-15, 23-25, 28, 29
Y	EP1171417 B1 (ELI LILLY and Co. [US]) 9 November 2005 (09.11.2005) *the whole document*	1, 4-15, 28, 29
A	WO2006/037055 A1 (DR. REDDY'S LABORATORIES Ltd.) 6 April 2006 (06.04.2006) *paragraph [0020] to paragraph [0035]; examples 1, 2*	7, 15, 28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/IN 2009/000236

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