



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : A61K 31/535	A3	(11) International Publication Number: WO 94/16705 (43) International Publication Date: 4 August 1994 (04.08.94)
(21) International Application Number: PCT/PL94/00004 (22) International Filing Date: 24 January 1994 (24.01.94) (30) Priority Data: P.297548 27 January 1993 (27.01.93) PL (71) Applicant (for all designated States except US): INSTYTUT FARMACEUTYCZNY [PL/PL]; ul. Rydygiera 8, PL-01-793 Warszawa (PL). (72) Inventors; and (75) Inventors/Applicants (for US only): ŚWIRSKA, Alicja [PL/PL]; ul. Modlińska 74, PL-05-110 Jablona (PL). KRZYWOSIŃSKI, Leszek [PL/PL]; al.Niepodległości 13/37, PL-02-653 Warszawa (PL). BOGDAL, Maria [PL/PL]; ul. Baonu Zońska 11 m.4, PL-01-130 Warszawa (PL). SERWIN-KRAJEWSKA, Marta [PL/PL]; ul. Czerniakowska 48 m.84, PL-00-717 Warszawa (PL). KOBYLŃSKA, Maria [PL/PL]; ul. Staffa 57 m.1, PL-01-884 Warszawa (PL). GRZESZKIEWICZ, Andrzej [PL/PL]; ul. Gawrdzistów 8A m.60, PL-00-422 Warszawa (PL).		(81) Designated States: CA, JP, RU, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 15 September 1994 (15.09.94)
(54) Title: PHARMACEUTICAL COMPOSITION CONTAINING 5-MORPHOLINOMETHYL-3-(4-CHLOROBENZYLIDENEAMINE)-2-OXAZOLIDINONE AND ITS USE FOR THE TREATMENT OF CNS DISORDERS		
(57) Abstract A pharmaceutical composition, containing as active substance 5-morpholinomethyl-3-(4-chlorobenzylideneamine)-2-oxazolidinone of formula (I) and/or pharmaceutically acceptable salt thereof together with pharmaceutically acceptable carriers and optionally auxiliary agents and the use of 5-morpholinomethyl-3-(4-chlorobenzylideneamine)-2-oxazolidinone for the preparation of a medicament having central nervous system activities are disclosed. (I)		

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INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/PL 94/00004

A. CLASSIFICATION OF SUBJECT MATTER
IPC 5 A61K31/535

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 5 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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 60, no. 4, 1964, Columbus, Ohio, US; abstract no. 4137, A. SWIRSKA 'Hypotensive derivatives of 5-morpholinomethyl-3-amino-5-oxazolidone'	1,2
Y	see abstract & ACTA POLON. PHARM. vol. 19, no. 4, 1962 pages 317 - 324	3,4
Y	EP,A,0 459 256 (MERCK PATENT GMBH) 4 December 1991 cited in the application	3,4
A	see the whole document	1,2
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- "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

25 May 1994

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

Intern al Application No
PCT/PL 94/00004

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1 Y	DE,A,40 05 371 (MERCK PATENT GMBH) 22 August 1991 cited in the application	3,4
A	see the whole document ---	1,2
3 A	PATENT ABSTRACTS OF JAPAN vol. 1, no. 120 (C-77)(2765) 12 October 1977 & JP,A,52 078 881 (SUMITOMO KAGAKU KOGYO K.K.) 7 February 1977 see abstract ---	3,4
3 A	EUR. J. MED. CHEM. vol. 11, no. 1 , 1976 pages 19 - 23 H.-J. KESSLER ET AL. 'Chemotherapeutische Nitroheterocyclen XXI. (1); Synthese und antimikrobielle Eigenschaften der Enantiomeren von Furaltadon und einem analogen Nitroimidazolderivat (Moxnidazol)' see the whole document -----	1,2

INTERNATIONAL SEARCH REPORT

International application No.

PCT/PL 94/00004

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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:
REMARK: Although claim 4 is 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 II Observations where unity of invention is lacking (Continuation of item 2 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

Information on patent family members

International Application No

PCT/PL 94/00004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
EP-A-0459256	04-12-91	DE-A-	4017211	05-12-91
		AU-B-	640783	02-09-93
		AU-A-	7736191	05-12-91
		CA-A-	2043317	30-11-91
		US-A-	5232931	03-08-93

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		EP-A-	0443197	28-08-91
		JP-A-	5001061	08-01-93
