

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 March 2009 (19.03.2009)

PCT

(10) International Publication Number
WO 2009/033657 A3

(51) International Patent Classification:

A61K 38/09 (2006.01) A61P 25/28 (2006.01)
A61P 35/00 (2006.01) A61P 11/00 (2006.01)
A61P 31/00 (2006.01) A61P 9/00 (2006.01)
A61P 37/00 (2006.01)

(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(21) International Application Number:

PCT/EP2008/007432

(22) International Filing Date:

9 September 2008 (09.09.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

07017750.6 11 September 2007 (11.09.2007) EP

(84) Designated States (unless otherwise indicated, for every

kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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

(54) Title: USE OF TRP6-TRIPTORELIN AND D-LEU6-LEUPROLIDE AS THERAPEUTIC AGENTS

(57) Abstract: The present invention is directed to the use of the peptide compound Pyr-His-Trp-Ser-Tyr-Trp-Leu-Arg-Pro-Gly-NH₂ as a therapeutic agent for the prophylaxis and/or treatment of cancer, autoimmune diseases, fibrotic diseases, inflammatory diseases, neurodegenerative diseases, infectious diseases, lung diseases, heart and vascular diseases and metabolic diseases. Moreover the present invention relates to pharmaceutical compositions preferably in form of a lyophilisate or liquide buffer solution or artificial mother milk formulation or mother milk substitute containing the peptide Pyr-His-Trp-Ser-Tyr-Trp-Leu-Arg-Pro-Gly-NH₂ optionally together with at least one pharmaceutically acceptable carrier, cryoprotectant, lyoprotectant, excipient and/or diluent.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/007432

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K38/09 A61P35/00 A61P31/00 A61P37/00 A61P25/28
A61P11/00 A61P9/00

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, WPI Data, BIOSIS, EMBASE, 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	BRUGIDOU JEAN ET AL: "2-Hydroxypropyl-dithio-2--isobutyric acid (HPDI) as a multipurpose peptide-resin linker for SPPS" PEPTIDE RESEARCH, vol. 7, no. 1, 1994, pages 40-47, XP002519920 ISSN: 1040-5704 page 44	8, 10, 12, 14
Y	----- -/--	1-7, 9, 11, 13, 15

Further documents are listed in the continuation of Box C.

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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

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- *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.
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Date of the actual completion of the international search 18 March 2009	Date of mailing of the international search report 23/04/2009
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Bochelen, Damien

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2008/007432

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>HEYNS C F ET AL: "Comparative efficacy of triptorelin pamoate and leuprolide acetate in men with advanced prostate cancer." BJU INTERNATIONAL, vol. 92, no. 3, August 2003 (2003-08), pages 226-231, XP002519921 ISSN: 1464-4096 page 226</p>	1-15
Y	<p>AMICHAÏ B ET AL: "Allergic vasculitis induced by Decapeptyl<(>R): confirmation by macrophage migration inhibition factor (MIF) test" EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY,, vol. 52, no. 3, 30 December 1993 (1993-12-30), pages 217-218, XP023263835 ISSN: 0028-2243 [retrieved on 1993-12-30] page 218</p>	1-15
Y	<p>NICHOLSON ET AL: "Endocrinological and clinical aspects of LHRH action (ICI 118630) in hormone dependent breast cancer" JOURNAL OF STEROID BIOCHEMISTRY, PERGAMON PRESS PLC, GB, vol. 23, no. 5, 1 November 1985 (1985-11-01), pages 843-847, XP022403261 ISSN: 0022-4731 page 845</p>	1-15
Y	<p>US 4 010 125 A (SCHALLY ANDREW V ET AL) 1 March 1977 (1977-03-01) example 2</p>	1-15
Y	<p>US 2004/224000 A1 (DEGHENGI ROMANO [CH]) 11 November 2004 (2004-11-11) claim 13</p>	1-15
Y	<p>US 2006/276626 A1 (TOVI AVI [IL] ET AL) 7 December 2006 (2006-12-07) paragraph [0005]; examples 11,27</p>	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2008/007432

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4010125	A	01-03-1977	NONE
US 2004224000	A1	11-11-2004	WO 2004098560 A1 18-11-2004
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