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Published:

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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(54) Title: USE OF MELANOCYTE-STIMULATING HORMONE RELEASE-INHIBITING FACTOR AS A THERAPEUTIC AGENT IN THE TREATMENT OF PSEUDOMONAS AERUGINOSA INFECTION

(57) Abstract: The present invention is directed to the use of the peptide compound Pro-Leu-Gly-NH_2 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 liquid buffer solution or artificial mother milk formulation or mother milk substitute containing the peptide Pro-Leu-Gly-NH_2 optionally together with at least one pharmaceutically acceptable carrier, cryoprotectant, lyoprotectant, excipient and/or diluent.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K38/06 A61P31/04 A61P3/00 A61P9/00 A61P11/00
A61P25/28 A61P31/00 A61P35/00 A61P37/00

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 A61P

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	US 3 708 593 A (PLOTNIKOFF N) 2 January 1973 (1973-01-02) abstract -----	1,4-10
X	KASTIN A J ET AL: "Tyr-MIF-1 and MIF-1 are active in the water wheel test for antidepressant drugs." PHARMACOLOGY, BIOCHEMISTRY, AND BEHAVIOR NOV 1984, vol. 21, no. 5, November 1984 (1984-11), pages 767-771, XP009118866 ISSN: 0091-3057 abstract -----	1,4-10
X	US 3 795 738 A (PLOTNIKOFF N) 5 March 1974 (1974-03-05) abstract -----	1,2,4-11

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[X] Further documents are listed in the continuation of Box C. [X] 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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"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

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MARTINEZ-BECERRA ET AL: "Analysis of the antimicrobial activities of a chemokine-derived peptide (CDAP-4) on Pseudomonas aeruginosa" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 355, no. 2, 24 February 2007 (2007-02-24), pages 352-358, XP005899656 ISSN: 0006-291X abstract page 353, column 1, paragraph 2 -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3708593 A	02-01-1973	ZA 7205283 A	29-08-1973
US 3795738 A	05-03-1974	CA 1017675 A1	20-09-1977