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(54) Title: USE OF SERORPHIN AS A THERAPEUTIC AGENT

(57) Abstract: The present invention is directed to the use of the peptide compound Tyr-Gly-Phe-Gln-Asn-Ala-OH 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 Tyr-Gly-Phe-Gln-Asn-Ala-OH 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. A61K38/38 A61P3/00 A61P9/00 A61P11/00 A61P25/28
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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 C07K 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, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Week 199219 Thomson Scientific, London, GB; AN 1992-157365 XP002537006 & JP 04 099797 A (SNOW BRAND MILK PROD CO LTD) 31 March 1992 (1992-03-31) abstract ----- -/--	1,2,4-11

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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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.
X	GOBBETTI MARCO ET AL: "Angiotensin I-converting-enzyme-inhibitory and antimicrobial bioactive peptides" INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol. 57, no. 2-3, May 2004 (2004-05), pages 173-188, XP002537005 & 2003 SYMPOSIUM TO MARK THE 40TH YEAR SINCE THE PUBLICATION PAPER; CORK, IRELAND; OCTOBER 22, 2003 ISSN: 1364-727X the whole document -----	1,2,4-11
X	MEISEL HANS: "Biochemical properties of peptides encrypted in bovine milk proteins" CURRENT MEDICINAL CHEMISTRY, BENTHAM SCIENCE PUBLISHERS BV, BE, vol. 12, no. 16, 1 January 2005 (2005-01-01), pages 1905-1919, XP009086812 ISSN: 0929-8673 the whole document -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 4099797	A	31-03-1992	NONE