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Published:

— *with international search report (Art. 21(3))*

— *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))*

— *with sequence listing part of description (Rule 5.2(a))*

(88) Date of publication of the international search report:
11 November 2010

(54) Title: COMPLEMENT C3a DERIVED DIMERIC PEPTIDES AND USES THEREOF

(57) Abstract: Peptide compositions comprising a dimeric peptide which combines two peptide monomers, each independently comprising the amino acid sequence: Asp-X1-X2-Asn-Tyr-Ile-Thr-X3 wherein: X1 is selected from the group consisting of Cys and a Cys derivative; X2 is selected from the group consisting of Cys and a Cys derivative; and X3 is selected from the group consisting of Arg and Glu-Leu-Arg, provided that at least one of X1 and X2 is Cys, whereby a mol percentage of the dimeric peptide in the composition is at least 50 mol percents, or at least 99 mol percents, are disclosed. Further disclosed are processes of preparing such peptide compositions and uses thereof in the treatment of allergic disorders.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K38/08 A61P37/08
ADD.

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/58960 A1 (YEDA RES & DEV [IL]; ERDEI ANNA [HU]; PECHT ISRAEL [IL]) 30 December 1998 (1998-12-30) page 3, lines 27-30 page 5, lines 17-20 page 6, lines 21,22 page 9, lines 1,2 claims 9-12,16 ----- -/--	1-20, 31-40

[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

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"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	Date of mailing of the international search report
25 August 2010	24/09/2010

Name and mailing address of the ISA/	Authorized officer
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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	WO 2007/013083 A2 (YEDA RES & DEV [IL]; PECHT ISRAEL [IL]; ERDEI ANNA [HU]) 1 February 2007 (2007-02-01) page 4, line 9 page 5, lines 19-27 page 6, lines 4-16 page 7, lines 14,15 page 8, lines 1-6 page 17, lines 11-17,30-33 page 18, line 18 table 1	1-20, 31-40
X	US 2002/143207 A1 (CUTHBERTSON ALAN [NO]) 3 October 2002 (2002-10-03) paragraphs [0016], [0018]	21-30

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

   a. (means)

   [X] on paper

   [X] in electronic form

   b. (time)

   [X] in the international application as filed

   [X] together with the international application in electronic form

   [ ] subsequently to this Authority for the purpose of search

2. [ ] In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IL2010/000126

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9858960 A1	30-12-1998	AT 265467 T	15-05-2004
		AU 8032598 A	04-01-1999
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		DE 69823528 T2	07-04-2005
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