

Title (en)
RETRO-INVERSO PEPTIDES DERIVED FROM INTERLEUKIN-6

Title (de)
VOM INTERLEUKIN-6 ABGELEITETE RETRO-INVERSO PEPTIDE

Title (fr)
PEPTIDES R TRO-INVERSES D RIV S DE L'INTERLEUKINE 6

Publication
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Application
EP 00952761 A 20000616

Priority
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• US 13968799 P 19990616

Abstract (en)
[origin: WO0077033A1] Retro-inverso peptides derived from interleukin-6 (IL-6) having between 17 and about 40 amino acids and including the sequence shown in SEQ ID NO: 1. These peptides have the same activity as native IL-6 and also have neurotrophic activity. Because of the D-amino acid linkage in the peptides, they are less susceptible to proteolytic degradation <i>in vivo</i>.

IPC 1-7
C07K 14/54; **A61K 38/20**; **A61P 25/00**

IPC 8 full level
A61K 38/00 (2006.01); **A61P 25/00** (2006.01); **A61P 25/02** (2006.01); **A61P 25/16** (2006.01); **A61P 37/04** (2006.01); **C07K 7/02** (2006.01); **C07K 14/52** (2006.01); **C07K 14/54** (2006.01)

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A61P 25/00 (2017.12); **A61P 25/02** (2017.12); **A61P 25/16** (2017.12); **A61P 37/04** (2017.12); **C07K 7/02** (2013.01); **C07K 14/5412** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [A] WO 9503821 A1 19950209 - BRIEN JOHN S O [US]
• [A] IHARA S ET AL.: "Identification of Interleukin-6 as a Factor That Induces Neurite Outgrowth by PC12 Cells Primed with NGF", THE JOURNAL OF BIOCHEMISTRY, vol. 120, no. 5, 1996, pages 865 - 868, XP002206392
• [A] DERETZI G ET AL.: "Suppression of chronic experimental autoimmune neuritis by nasally administered recombinant rat interleukin-6", IMMUNOLOGY, vol. 97, no. 1, May 1999 (1999-05-01), pages 69 - 76, XP002206393
• See references of WO 0077033A1

Designated contracting state (EPC)
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