Title (en)

RETRO-INVERSO PEPTIDES DERIVED FROM LEUKEMIA INHIBITORY FACTOR

Title (de)

RETROINVERSE PEPTIDE ABGELEITET VOM LEUKÄMIE-HEMMUNGSFAKTOR

Title (fr)

PEPTIDES RETRO INVERSES DERIVES DU FACTEUR D'INHBITION DE LA LEUCEMIE

Publication

EP 1183266 A4 20021023 (EN)

Application

EP 00941527 A 20000616

Priority

- US 0016760 W 20000616
- US 13968599 P 19990616

Abstract (en)

[origin: WO0077029A1] Retro-inverso peptides derived from leukemia inhibitory factor (LIF) having between 18 and about 40 amino acids and including the sequence shown in SEQ ID NO: 1. These peptides have the same activity as native LIF and also have neurotrophic activity. Because of the D-amino acid linkage in the peptides, they are less susceptible to proteolytic degradation in vivo.

IPC 1-7

C07K 5/00; A61K 38/00; A61K 35/12

IPC 8 full level

A61K 38/00 (2006.01); **A61P 25/00** (2006.01); **C07K 7/02** (2006.01); **C07K 14/52** (2006.01); **C07K 14/54** (2006.01)

CPC (source: EP)

A61P 25/00 (2017.12); **A61P 43/00** (2017.12); **C07K 7/02** (2013.01); **C07K 14/5415** (2013.01); A61K 38/00 (2013.01)

Citation (search report)

- [A] US 5843892 A 19981201 - PATTERSON PAUL H [US]
- [A] BRIAND JP ET AL.: "A retro-inverso peptide corresponding to the GH loop of foot-and-mouth disease virus elicits high levels of long-lasting protective neutralizing antibodies", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE USA, vol. 94, November 1997 (1997-11-01), pages 12545 - 12550, XP002208543
- [AD] CHOREV M & GOODMAN M: "Recent developments in retro peptides and proteins - an ongoing topochemical exploration", TRENDS IN BIOTECHNOLOGY, vol. 13, October 1995 (1995-10-01), pages 438 - 445, XP002208544
- See references of WO 0077029A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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