

Title (en)
CYTOTOXIC PEPTIDES

Title (de)
CYTOTOXISCHE PEPTIDE

Title (fr)
PEPTIDES CYTOTOXIQUES

Publication
EP 0935608 A4 20040915 (EN)

Application
EP 97941730 A 19970926

Priority
• AU 9700640 W 19970926
• AU PO265996 A 19960927
• AU PO268096 A 19960930

Abstract (en)
[origin: WO9813377A1] This invention relates to cytotoxic, myristylated peptides derived from the N-terminus of the Nef protein. The peptides preferably comprise a domain comprising a net positive charge and an alpha -helical region. The invention also relates to compounds which inhibit the cytotoxicity of the Nef protein, the methods of preventing Nef toxicity, HIV infection, and to pharmaceutical compositions comprising such compounds.

IPC 1-7
C07K 14/16; **C07K 7/06**; **G01N 33/50**; **A61K 38/00**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 38/00** (2006.01); **A61K 38/05** (2006.01); **A61K 38/06** (2006.01); **A61K 38/07** (2006.01); **A61K 38/16** (2006.01); **A61K 45/00** (2006.01); **A61P 31/18** (2006.01); **A61P 43/00** (2006.01); **C07K 5/072** (2006.01); **C07K 5/087** (2006.01); **C07K 5/097** (2006.01); **C07K 5/103** (2006.01); **C07K 7/06** (2006.01); **C07K 14/16** (2006.01); **C12Q 1/02** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)
A61P 31/18 (2017.12); **A61P 43/00** (2017.12); **C07K 5/06113** (2013.01); **C07K 5/0812** (2013.01); **C07K 5/0821** (2013.01); **C07K 7/06** (2013.01); **C07K 14/005** (2013.01); **G01N 33/5014** (2013.01); **A61K 38/00** (2013.01); **C12N 2740/16322** (2013.01); **G01N 2333/163** (2013.01)

Citation (search report)
• [X] WO 9426776 A1 19941124 - BIOMOLECULAR RES INST LTD [AU], et al
• [X] CURTAIN C C ET AL: "FUSOGENIC ACTIVITY OF AMINO-TERMINAL REGION OF HIV TYPE 1 NEF PROTEIN", AIDS RESEARCH AND HUMAN RETROVIRUSES, NEW YORK, NY, US, vol. 10, no. 10, October 1994 (1994-10-01), pages 1231 - 1240, XP009005690, ISSN: 0889-2229
• [PX] CURTAIN CYRIL C ET AL: "Cytotoxic activity of the amino-terminal region of HIV type 1 Nef protein", AIDS RESEARCH AND HUMAN RETROVIRUSES, vol. 13, no. 14, 20 September 1997 (1997-09-20), pages 1213 - 1220, XP008029579, ISSN: 0889-2229
• [T] CURTAIN CYRIL C ET AL: "Structural requirements for the cytotoxicity of the N-terminal region of HIV type 1 Nef", AIDS RESEARCH AND HUMAN RETROVIRUSES, vol. 14, no. 17, 20 November 1998 (1998-11-20), pages 1543 - 1551, XP008029578, ISSN: 0889-2229
• See references of WO 9813377A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9813377 A1 19980402; AU 4370897 A 19980417; AU 716098 B2 20000217; CA 2263134 A1 19980402; EP 0935608 A1 19990818; EP 0935608 A4 20040915; JP 2001502897 A 20010306

DOCDB simple family (application)
AU 9700640 W 19970926; AU 4370897 A 19970926; CA 2263134 A 19970926; EP 97941730 A 19970926; JP 51507298 A 19970926