

Title (en)
DIPEPTIDE APOPTOSIS INHIBITORS AND THE USE THEREOF

Title (de)
DIPEPTID-APOPTOSE-INHIBITOREN UND DEREN VERWENDUNG

Title (fr)
DIPEPTIDES INHIBITEURS DE L'APOPTOSE ET UTILISATION DE CES DERNIERS

Publication
EP 1033910 A4 20041124 (EN)

Application
EP 98952166 A 19981009

Priority

- US 9821232 W 19981009
- US 6167697 P 19971010

Abstract (en)
[origin: WO9918781A1] The present invention is directed to novel dipeptides thereof, represented by general Formula (I) where R1-R3 and AA are defined herein. The present invention relates to the discovery that compounds having Formula (I) are potent inhibitors of apoptotic cell death. Therefore, the inhibitors of this invention can retard or block cell death in a variety of clinical conditions in which the loss of cells, tissues or entire organs occurs.

IPC 1-7
A01N 1/02; **A61K 38/05**; **C07K 5/06**; **C12N 1/04**; **C12N 5/02**

IPC 8 full level
C12N 1/04 (2006.01); **A61K 38/00** (2006.01); **A61P 3/10** (2006.01); **A61P 7/06** (2006.01); **A61P 9/04** (2006.01); **A61P 9/10** (2006.01); **A61P 13/12** (2006.01); **A61P 19/02** (2006.01); **A61P 25/14** (2006.01); **A61P 25/16** (2006.01); **A61P 25/28** (2006.01); **A61P 29/00** (2006.01); **A61P 37/04** (2006.01); **A61P 37/06** (2006.01); **C07C 237/12** (2006.01); **C07C 237/22** (2006.01); **C07C 271/22** (2006.01); **C07C 323/59** (2006.01); **C07C 323/60** (2006.01); **C07D 233/54** (2006.01); **C07D 277/16** (2006.01); **C07K 5/06** (2006.01); **C12N 5/00** (2006.01)

CPC (source: EP KR)
A61P 3/10 (2017.12 - EP); **A61P 7/06** (2017.12 - EP); **A61P 9/04** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 13/12** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/04** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **C07C 233/64** (2013.01 - KR); **C07C 237/22** (2013.01 - EP KR); **C07C 271/22** (2013.01 - EP KR); **C07C 323/60** (2013.01 - EP KR); **C07D 233/64** (2013.01 - EP); **C07D 277/16** (2013.01 - EP KR); **C07K 5/06191** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **C12N 2810/40** (2013.01 - EP)

Citation (search report)

- [DA] WO 9603982 A1 19960215 - SANOFI WINTHROP INC [US]
- [A] WO 9115577 A1 19911017 - IMMUNEX CORP [US]
- [DA] REVESZ L ET AL: "Synthesis of P1 aspartate-based peptide acyloxymethyl and fluoromethyl ketones as inhibitors of interleukin-1 beta-converting enzyme", TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 35, no. 52, 1994, pages 9693 - 9696, XP002232097, ISSN: 0040-4039
- See references of WO 9918781A1

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

DOCDB simple family (publication)
WO 9918781 A1 19990422; AU 741203 B2 20011122; AU 9793098 A 19990503; BR 9814817 A 20020108; CA 2306692 A1 19990422; CA 2306692 C 20100921; CN 1138472 C 20040218; CN 1301131 A 20010627; EA 200000409 A1 20001030; EP 1033910 A1 20000913; EP 1033910 A4 20041124; JP 2001519358 A 20011023; JP 4439111 B2 20100324; KR 100580333 B1 20060516; KR 20010031053 A 20010416; NO 20001323 D0 20000314; NO 20001323 L 20000613

DOCDB simple family (application)
US 9821232 W 19981009; AU 9793098 A 19981009; BR 9814817 A 19981009; CA 2306692 A 19981009; CN 98810022 A 19981009; EA 200000409 A 19981009; EP 98952166 A 19981009; JP 2000515426 A 19981009; KR 20007003882 A 20000410; NO 20001323 A 20000314