Title (en)
CYCLOPEPTIDE DERIVATIVES AS ADHESION INHIBITORS

Title (de)
CYCLOPEPTIDDERIVATE ALS ADHÄSIONSINHIBITOREN

Title (fr)
DERIVES DE CYCLOPEPTIDE UTILISES COMME INHIBITEURS D'ADHERENCE

Publication
EP 1007545 A2 20000614 (DE)

Application
EP 98948833 A 19980814

Priority
• DE 19736772 A 19970823
• EP 9805161 W 19980814

Abstract (en)
[origin: DE19736772A1] Cyclic peptides of formula (I), in which all optically active aminoacid (or derivative) residues may be in D- as well as L-form, and their salts, enantiomers and diastereomers are new. A = Gly, Ala or NHNHCO (where the aminoacids are optionally derivatised); B = guanidino-substituted aminoacid residue of formula (i); C = -(CO)p-(CH2)q-(CO)r- or -(CO)p-CH=CH-(CO)r-; m, p, r = 0 or 1; n, q = 1-4; R1, R2 = H or alkyl; or R1 + R2 = -C(R7)=C(R8)- or ortho-phenylene substituted by R9 and R10; R7-R10 = H, alkyl, Ar, OR6, Hal, NO2, NR6R'6, NHCOR6, CN, NHSO2R6, COOR6 or COR6; X = H, Hal, alkyl or Ar; Ar = phenyl (optionally substituted by 1-3 R3, R4 or R5) or is unsubstituted naphthyl; R3-R5 = R6, OR6, Hal, NO2, NR6R'6, NHCOR6, CN, NHSO2R6, COOR6, or COR6; R6,R'6 = H, alkyl, phenyl or benzyl; Hal = F, Cl, Br or I. An Independent claim is included for the preparation of (I).

IPC 1-7
C07K 5/023; A61K 38/05; A61K 38/06

IPC 8 full level
A61K 38/05 (2006.01); **A61K 38/06** (2006.01); **A61P 7/02** (2006.01); **A61K 38/00** (2006.01); **A61P 9/04** (2006.01); **A61P 9/10** (2006.01); **A61P 19/10** (2006.01); **A61P 29/00** (2006.01); **A61P 31/00** (2006.01); **A61P 35/00** (2006.01); **C07K 5/02** (2006.01); **C07K 5/023** (2006.01)

CPC (source: EP KR)
A61P 7/02 (2018.01 - EP); **A61P 9/00** (2018.01 - EP); **A61P 9/04** (2018.01 - EP); **A61P 9/10** (2018.01 - EP); **A61P 19/10** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 31/00** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **C07K 5/02** (2013.01 - KR); **C07K 5/0202** (2013.01 - EP); A61K 38/00 (2013.01 - EP)

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

DOCDB simple family (publication)
WO 9910371 A2 19990304; **WO 9910371 A3 19990527**; AR 013650 A1 20010110; AU 734829 B2 20010621; AU 9531998 A 19990316; BR 9811992 A 20000905; CA 2301182 A1 19990304; CN 1267306 A 20000920; DE 19736772 A1 19990225; EP 1007545 A2 20000614; HU P0003500 A2 20010228; HU P0003500 A3 20011228; ID 23952 A 20000608; JP 2001514186 A 20010911; KR 20010022828 A 20010326; NO 20000860 D0 20000222; NO 20000860 L 20000222; PL 341090 A1 20010326; RU 2200166 C2 20030310; SK 2132000 A3 20000912; TW 477793 B 20020301; ZA 987558 B 19990223

DOCDB simple family (application)
EP 9805161 W 19980814; AR P980104136 A 19980821; AU 9531998 A 19980814; BR 9811992 A 19980814; CA 2301182 A 19980814; CN 98808380 A 19980814; DE 19736772 A 19970823; EP 98948833 A 19980814; HU P0003500 A 19980814; ID 20000532 A 19980814; JP 2000507697 A 19980814; KR 20007001430 A 20000211; NO 20000860 A 20000222; PL 34109098 A 19980814; RU 2000107122 A 19980814; SK 2132000 A 19980814; TW 87113657 A 19980819; ZA 987558 A 19980820