

Title (en)  
VITRONECTIN RECEPTOR ANTAGONISTS

Title (de)  
VIBRONECTIN-REZEPTOR-ANTAGONISTEN

Title (fr)  
ANTAGONISTES DU RECEPTEUR DE LA VIBRONECTINE

Publication  
**EP 0762882 A1 19970319 (EN)**

Application  
**EP 95925353 A 19950629**

Priority  
• US 9508146 W 19950629  
• US 26769594 A 19940629

Abstract (en)  
[origin: WO9600574A1] Compounds of formula (I) are disclosed which are inhibitors of the vitronectin receptor, wherein X-X' is NR<1>-CH, NC(O)R<3>-CH, N=C, CR<1>=C, CHR<1>-CH, O-CH or S-CH; R<1> is H, C1-6alkyl or benzyl; R<2> is (CH<sub>2</sub>)<sub>n</sub>CO<sub>2</sub>H; R<3> is H, C1-6alkyl, Ar-C0-6alkyl, Het-C0-6 alkyl, or C3-6cycloalkyl-C0-6alkyl; R<4> is W-U, Y-(CHR<5>)m-U or Z-C(O); R<5> and R<6> are independently chosen from H, C1-6alkyl, Ar-C0-6alkyl, Het-C0-6alkyl and C3-6cycloalkyl-C0-6alkyl; m is 1 or 2; n is 1 or 2; U is NR<1>C(O), C(O)NR<1>, CH=CH, CC, CH<sub>2</sub>-CH<sub>2</sub>, O-CH<sub>2</sub>, CH<sub>2</sub>-O or CH<sub>2</sub>OCONR<1>; W is (a), (b) or (c); R<a> is H, OH, NO<sub>2</sub>, N(R<6>)<sub>2</sub>, CON(R<6>)<sub>2</sub>, CH<sub>2</sub>N(R<6>)<sub>2</sub>, or R<6>HN-C(=NH); Y is NH<sub>2</sub>, NHR<6>, N(R<6>)<sub>2</sub>, C(O)N(R<6>)<sub>2</sub>, OH, =N-OR<6>, (d), (e) or (f); Z is (g) or (h); R<d> is H, N(R<1>)<sub>2</sub>, C1-4alkyl, CON(R<1>)<sub>2</sub>, OH, OR<1>, or Ar-C0-4alkyl; R<e> is H, C1-4alkyl, 2- or 3-pyridinyl, 1-, 2- or 3-piperidinyl, or 2- or 4-pyrimidinyl; and pharmaceutically acceptable salts thereof.

IPC 1-7  
**A61K 31/55; C07D 243/14**

IPC 8 full level  
**A61K 31/55** (2006.01); **A61K 31/551** (2006.01); **A61K 31/554** (2006.01); **A61P 3/02** (2006.01); **A61P 19/10** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07D 223/16** (2006.01); **C07D 235/14** (2006.01); **C07D 243/14** (2006.01); **C07D 261/14** (2006.01); **C07D 281/10** (2006.01); **C07D 295/02** (2006.01); **C07D 401/06** (2006.01); **C07D 401/12** (2006.01); **C07D 401/14** (2006.01); **C07D 403/12** (2006.01); **C07D 403/14** (2006.01); **C07D 413/12** (2006.01); **C07D 417/12** (2006.01); **C07D 471/04** (2006.01); **C07D 491/04** (2006.01)

CPC (source: EP)  
**A61P 3/02** (2017.12); **A61P 19/10** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C07D 223/16** (2013.01); **C07D 235/14** (2013.01); **C07D 243/14** (2013.01); **C07D 401/06** (2013.01); **C07D 401/12** (2013.01); **C07D 401/14** (2013.01); **C07D 403/12** (2013.01); **C07D 403/14** (2013.01); **C07D 413/12** (2013.01); **C07D 417/12** (2013.01); **C07D 471/04** (2013.01); **C07D 491/04** (2013.01)

Designated contracting state (EPC)  
BE CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**WO 9600574 A1 19960111**; EP 0762882 A1 19970319; EP 0762882 A4 20020911; JP H10504807 A 19980512; ZA 955391 B 19960209

DOCDB simple family (application)  
**US 9508146 W 19950629**; EP 95925353 A 19950629; JP 50341896 A 19950629; ZA 955391 A 19950629