

Title (en)  
OXO-AZABICYCLIC COMPOUNDS

Title (de)  
OXO-AZABIZYKLISCHE VERBINDUNGEN

Title (fr)  
COMPOSES OXO-AZABICYCLIQUES

Publication  
**EP 1492775 A2 20050105 (EN)**

Application  
**EP 03708181 A 20030306**

Priority

- EP 0302277 W 20030306
- EP 0203240 W 20020308

Abstract (en)  
[origin: WO03076416A1] A compound selected from those of formula (I): formula (I) wherein: - X1, X2, and X3, represent N or CR3 in which R3 is as described in the description, - G1 represents a group selected from those of formulae (i/a) and (i/b): formula (II) in which R4, R5, and R6 are as defined in the description, - G2 represents a group selected from carbon-carbon triple bond, -CH=C=CH-, C=O, C=S, S(O)<sub>n</sub> in which n1 represents an integer from 0 to 2 inclusive, or a group of formula (i/c): formula (III) in which Y1 represents O, S, -NH or Nalkyl, and Y2 represents O, S, -NH or Nalkyl, - n is an integer from 0 to 6 inclusive, and m is an integer from 0 to 7 inclusive, Z1 represents CR<sub>9</sub>R<sub>10</sub>, wherein R9 and R10 are as defined in the description, - A represents a ring system, - R1 represents a group selected from H, alkyl, alkenyl, alkynyl, optionally substituted and the group of formula (i/d): formula (IV) in which p, Z2, B, q and G3 are as defined in the description and optionally, its optical isomers, N-oxide, and addition salts thereof with a pharmaceutically-acceptable acid or base, and medicinal products containing the same are useful as specific inhibitors of type-13 matrix metalloprotease.

IPC 1-7  
**C07D 239/91**

IPC 8 full level  
**A61K 31/5025** (2006.01); **A61K 31/505** (2006.01); **A61K 31/517** (2006.01); **A61K 31/519** (2006.01); **A61P 1/02** (2006.01); **A61P 1/04** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 11/00** (2006.01); **A61P 11/06** (2006.01); **A61P 17/00** (2006.01); **A61P 17/06** (2006.01); **A61P 19/02** (2006.01); **A61P 19/08** (2006.01); **A61P 25/00** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07D 213/00** (2006.01); **C07D 221/00** (2006.01); **C07D 233/00** (2006.01); **C07D 239/00** (2006.01); **C07D 239/91** (2006.01); **C07D 257/00** (2006.01); **C07D 401/04** (2006.01); **C07D 401/06** (2006.01); **C07D 401/10** (2006.01); **C07D 401/12** (2006.01); **C07D 403/06** (2006.01); **C07D 403/10** (2006.01); **C07D 471/04** (2006.01)

IPC 8 main group level  
**C07D** (2006.01)

CPC (source: EP KR)  
**A61P 1/00** (2017.12 - EP); **A61P 1/02** (2017.12 - EP); **A61P 1/04** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/04** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 17/06** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 19/08** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 239/91** (2013.01 - EP KR); **C07D 401/12** (2013.01 - KR); **C07D 471/04** (2013.01 - EP)

Citation (search report)  
See references of WO 03076417A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03076416 A1 20030918**; AP 2004003125 A0 20040930; AR 039562 A1 20050223; AU 2002249275 A1 20030922; AU 2003212307 A1 20030922; BR 0308280 A 20041228; CA 2478706 A1 20030918; CN 1738806 A 20060222; CO 5601020 A2 20060131; EA 200401053 A1 20050428; EC SP045278 A 20041026; EP 1492775 A2 20050105; IL 163818 A0 20051218; IS 7414 A 20040819; JP 2005526070 A 20050902; KR 20040095270 A 20041112; MA 27183 A1 20050103; MX PA04008681 A 20041206; NO 20044041 L 20041007; OA 12782 A 20060710; PA 8568501 A1 20031219; PE 20031018 A1 20040109; PL 372622 A1 20050725; SV 2003001495 A 20031104; TN SN04169 A1 20070312; UY 27700 A1 20031031; WO 03076417 A2 20030918; WO 03076417 A3 20031113

DOCDB simple family (application)  
**EP 0203240 W 20020308**; AP 2004003125 A 20030306; AR P030100749 A 20030306; AU 2002249275 A 20020308; AU 2003212307 A 20030306; BR 0308280 A 20030306; CA 2478706 A 20030306; CN 03804875 A 20030306; CO 04082792 A 20040825; EA 200401053 A 20030306; EC SP045278 A 20040903; EP 0302277 W 20030306; EP 03708181 A 20030306; IL 16381803 A 20030306; IS 7414 A 20040819; JP 2003574636 A 20030306; KR 20047013994 A 20030306; MA 27842 A 20040831; MX PA04008681 A 20030306; NO 20044041 A 20040924; OA 1200400234 A 20030306; PA 8568501 A 20030306; PE 2003000218 A 20030306; PL 37262203 A 20030306; SV 2003001495 A 20030304; TN SN04169 A 20040903; UY 27700 A 20030306