

Title (en)

AZACARBOLINE DERIVATIVES, PREPARATION METHOD THEREOF AND THERAPEUTIC USE OF SAME

Title (de)

AZACARBOLINDERIVATE, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN THERAPEUTISCHE VERWENDUNG

Title (fr)

DERIVES D'AZACARBOLINES, LEUR PREPARATION ET LEUR UTILISATION THERAPEUTIQUE EN TANT QU'INHIBITEURS DE KINASES

Publication

**EP 2303882 A2 20110406 (FR)**

Application

**EP 09761932 A 20090611**

Priority

- FR 2009051100 W 20090611
- FR 0803262 A 20080612

Abstract (en)

[origin: WO2009150381A2] The invention relates to novel azacarbonlines having formula (I), wherein: R3, R4 represent independently H; hal; CF<sub>3</sub>; substituted oxy, optionally substituted alkoxy; optionally substituted amino; substituted carbonyl; optionally substituted carboxyl; optionally substituted amide; sulphur, such as optionally substituted sulphones, sulphoxides or sulphides; linear, branched or cyclic C1-C10 alkyl optionally comprising an optionally substituted heteroatom; optionally substituted linear, branched or cyclic C2-C7 alkenyl; optionally substituted linear or branched C2-C6 alkynyl; optionally substituted aryl or heteroaryl; optionally substituted heterocycloalkyl; R6 represents heteroaryl, C(O)NR<sub>1</sub>aR<sub>1b</sub>, heterocycloalkyl or -C(O)heterocycloalkyl, all of which may be optionally substituted; in the form of a base or an acid addition salt. The invention also relates to the use of same in therapeutics for the treatment of cancer and to synthesis methods.

IPC 8 full level

**C07D 471/14** (2006.01); **A61K 31/437** (2006.01); **A61P 35/00** (2006.01); **C07D 207/32** (2006.01); **C07D 213/04** (2006.01); **C07D 471/04** (2006.01)

CPC (source: EP KR US)

**A61K 31/437** (2013.01 - KR); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 213/73** (2013.01 - EP US); **C07D 471/14** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2009150381A2

Citation (examination)

WO 2009151598 A1 20091217 - GENENTECH INC [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2009150381 A2 20091217; WO 2009150381 A3 20100218;** AR 072084 A1 20100804; AU 2009259114 A1 20091217; AU 2009259114 B2 20130523; BR PI0915204 A2 20190115; CA 2725093 A1 20091217; CN 102124007 A 20110713; CO 6280536 A2 20110520; CR 11814 A 20110110; DO P2010000366 A 20101231; EA 018945 B1 20131129; EA 201170002 A1 20110830; EC SP10010670 A 20110131; EP 2303882 A2 20110406; IL 209840 A0 20110228; JP 2011522867 A 20110804; KR 20110016998 A 20110218; MA 32460 B1 20110703; MX 2010013699 A 20110223; NI 201000210 A 20110509; NZ 589839 A 20120727; PE 20110122 A1 20110307; SV 2010003754 A 20110315; TW 201002711 A 20100116; UA 101668 C2 20130425; US 2011178053 A1 20110721; UY 31895 A 20100129; ZA 201008387 B 20120229

DOCDB simple family (application)

**FR 2009051100 W 20090611;** AR P090102077 A 20090610; AU 2009259114 A 20090611; BR PI0915204 A 20090611; CA 2725093 A 20090611; CN 200980131369 A 20090611; CO 10154614 A 20101209; CR 11814 A 20101125; DO 2010000366 A 20101129; EA 201170002 A 20090611; EC SP10010670 A 20101203; EP 09761932 A 20090611; IL 20984010 A 20101208; JP 2011513034 A 20090611; KR 20117000721 A 20090611; MA 33499 A 20110107; MX 2010013699 A 20090611; NI 201000210 A 20101206; NZ 58983909 A 20090611; PE 2010001118 A 20090611; SV 2010003754 A 20101209; TW 98119820 A 20090612; UA A201100324 A 20090611; US 99732609 A 20090611; UY 31895 A 20090612; ZA 201008387 A 20101123