

Title (en)

BICYCLIC HETEROCYCLES, DRUGS CONTAINING SAID COMPOUNDS, THE USE THEREOF AND METHOD FOR PREPARING THE SAME

Title (de)

BICYCLISCHE HETEROCYCLEN, DIESE VERBINDUNGEN ENTHALTENDE ARZNEIMITTEL, DEREN VERWENDUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

HETEROCYCLES BICYCLIQUES, MEDICAMENTS CONTENANT CES COMPOSES, LEUR UTILISATION ET PROCEDE POUR LEUR PRODUCTION

Publication

**EP 1641767 A2 20060405 (DE)**

Application

**EP 04739543 A 20040602**

Priority

- EP 2004005965 W 20040602
- DE 10326186 A 20030606

Abstract (en)

[origin: WO2004108664A2] The invention relates to the bicyclic heterocycles of general formula (I), wherein R<a>, R<b>, R<c>, R<d>, X and n are defined as in claim 1, to their tautomers, stereoisomers, mixtures and salts thereof, especially the physiologically acceptable salts thereof with inorganic or organic acids. The inventive compounds have valuable pharmacological properties, especially they inhibit tyrosinkinase-mediated signal transduction. The invention also relates to the use of said compounds for treating diseases, especially tumor diseases and benign prostatic hyperplasia (BPH), diseases of the lung and respiratory tracts, and to the production of these compounds.

IPC 1-7

**C07D 239/94**

IPC 8 full level

**A61K 31/422** (2006.01); **A61K 31/4709** (2006.01); **A61K 31/517** (2006.01); **A61P 35/00** (2006.01); **C07D 239/94** (2006.01);  
**C07D 413/12** (2006.01)

IPC 8 main group level

**C07D** (2006.01)

CPC (source: EP US)

**A61P 1/00** (2017.12 - EP); **A61P 1/16** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 13/02** (2017.12 - EP); **A61P 35/00** (2017.12 - EP);  
**C07D 239/94** (2013.01 - EP US); **C07D 413/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2004108664A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004108664 A2 20041216; WO 2004108664 A3 20050526;** AR 044604 A1 20050921; CA 2526995 A1 20041216;  
CL 2004001409 A1 20050506; DE 10326186 A1 20041223; EP 1641767 A2 20060405; JP 2006527176 A 20061130; PE 20050227 A1 20050518;  
TW 200510341 A 20050316; US 2005014772 A1 20050120; US 2006264450 A1 20061123; US 2010267718 A1 20101021;  
US 7196091 B2 20070327; UY 28347 A1 20050131

DOCDB simple family (application)

**EP 2004005965 W 20040602;** AR P040101931 A 20040604; CA 2526995 A 20040602; CL 2004001409 A 20040604; DE 10326186 A 20030606;  
EP 04739543 A 20040602; JP 2006508256 A 20040602; PE 2004000561 A 20040604; TW 93116265 A 20040604; US 49492606 A 20060728;  
US 82692710 A 20100630; US 86045304 A 20040603; UY 28347 A 20040604