

Title (en)

4-SUBSTITUTED PYRROLO- AND PYRAZOLO-DIAZEPINES

Title (de)

4-SUBSTITUIERTE PYRROLO- UND PYRAZOLO-DIAZEPINE

Title (fr)

PYRROLO-DIAZÉPINES ET PYRAZOLO-DIAZÉPINES SUBSTITUÉES EN POSITION 4

Publication

EP 2958923 A1 20151230 (DE)

Application

EP 14705164 A 20140218

Priority

- DE 102013202991 A 20130222
- EP 2014053099 W 20140218

Abstract (en)

[origin: WO2014128111A1] BET-protein-inhibiting, in particular BRD2-, BRD3- and BRD4-inhibiting 4-substituted pyrrolo- and pyrazolo-diazepines, of general formula I in which X, Y, n, m, p, R1, R2, R3, R4 and R5 have the meanings indicated in the description, pharmaceutical agents containing the compounds according to the invention and the prophylactic and therapeutic use thereof for treating hyperproliferative diseases, in particular tumor diseases, are described. Furthermore, the use of the compounds according to the invention as BET-protein inhibitors in benign hyperplasias, in atherosclerotic diseases, in sepsis, in autoimmune diseases, in vascular diseases, in viral infections, in neurodegenerative diseases, in inflammatory diseases, in atherosclerotic diseases and for controlling fertility in males is described.

IPC 8 full level

C07D 487/14 (2006.01); **A61K 31/55** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01)

CPC (source: EP US)

A61K 31/5517 (2013.01 - EP US); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 13/08** (2017.12 - EP); **A61P 15/08** (2017.12 - EP); **A61P 15/16** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 487/14** (2013.01 - EP US); **C07D 519/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2014128111A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014128111 A1 20140828; CA 2901805 A1 20140828; CN 105164135 A 20151216; EP 2958923 A1 20151230; HK 1212345 A1 20160610; JP 2016513118 A 20160512; US 2015376196 A1 20151231

DOCDB simple family (application)

EP 2014053099 W 20140218; CA 2901805 A 20140218; CN 201480022721 A 20140218; EP 14705164 A 20140218; HK 16100318 A 20160113; JP 2015558420 A 20140218; US 201414769921 A 20140218