

Title (en)

1,5-DIARYLPYRROLE DERIVATIVES, PREPARATION METHOD THEREOF AND APPLICATION OF SAME IN THERAPEUTICS

Title (de)

1,5-DIARYLPYRROLDERIVATE, VERFAHREN ZUR DEREN HERSTELLUNG UND DEREN ANWENDUNG IN DER THERAPIE

Title (fr)

DERIVES DE 1,5-DIARYLPYRROLE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

Publication

**EP 1853557 A2 20071114 (FR)**

Application

**EP 06709331 A 20060216**

Priority

- FR 2006000356 W 20060216
- FR 0501660 A 20050217

Abstract (en)

[origin: WO2006087476A2] The invention relates to compounds having formula (I), wherein: X represents a group having formula (II). According to the invention, R<sub>1</sub> and R<sub>6</sub> represent a hydrogen atom or an alkyl group. R<sub>2</sub> represents a radical selected from among: a (C<sub>1</sub>-C<sub>12</sub>)alkyl; a non-aromatic carbocyclic radical at (C<sub>3</sub>-C<sub>12</sub>); a (C<sub>3</sub>-C<sub>7</sub>)cycloalkylmethyl; a phenyl, a benzyl, a benzhydryl, a benzhydrylmethyl, phenethyl, a benzodioxolyl, a dihydrobenzofuranyl, a dihydrobenzodioxinyl; a methyl substituted by a benzodioxolyl, a dihydrobenzofuranyl, a dihydrobenzodioxinyl; a non-substituted 1, 2, 3, 4-tetrahydronaphthalenyl; or a heterocyclic radical, an indolyl, a substituted or non-substituted benzothiazolyl, said radicals being substituted or non-substituted. R<sub>3</sub> represents a (C<sub>1</sub>-C<sub>5</sub>)alkyl or a (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl. R<sub>4</sub> and R<sub>5</sub> represent a substituted or non-substituted phenyl. The invention also relates to a method of preparing said derivatives and to the application thereof in therapeutics.

IPC 8 full level

**C07D 207/32** (2006.01)

CPC (source: EP KR US)

**A61K 31/402** (2013.01 - KR); **A61P 1/00** (2017.12 - EP); **A61P 1/04** (2017.12 - EP); **A61P 1/08** (2017.12 - EP); **A61P 1/12** (2017.12 - EP);  
**A61P 1/14** (2017.12 - EP); **A61P 1/16** (2017.12 - EP); **A61P 3/00** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 3/06** (2017.12 - EP);  
**A61P 3/10** (2017.12 - EP); **A61P 5/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/14** (2017.12 - EP); **A61P 11/06** (2017.12 - EP);  
**A61P 13/00** (2017.12 - EP); **A61P 13/10** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 15/06** (2017.12 - EP); **A61P 15/08** (2017.12 - EP);  
**A61P 17/00** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 25/00** (2017.12 - EP);  
**A61P 25/06** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP);  
**A61P 25/20** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 25/30** (2017.12 - EP);  
**A61P 25/32** (2017.12 - EP); **A61P 25/34** (2017.12 - EP); **A61P 27/06** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/00** (2017.12 - EP);  
**A61P 31/04** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 43/00** (2017.12 - EP);  
**C07D 207/323** (2013.01 - EP US); **C07D 207/325** (2013.01 - KR); **C07D 207/335** (2013.01 - EP US); **C07D 403/12** (2013.01 - EP KR US);  
**C07D 405/12** (2013.01 - KR)

Citation (search report)

See references of WO 2006087476A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**FR 2882054 A1 20060818; FR 2882054 B1 20070413;** AR 052673 A1 20070328; AU 2006215521 A1 20060824; BR PI0608866 A2 20100202;  
CA 2597033 A1 20060824; CN 101119967 A 20080206; DO P2006000043 A 20060831; EP 1853557 A2 20071114; IL 185034 A0 20080605;  
JP 2008530187 A 20080807; KR 20070103454 A 20071023; PA 8663601 A1 20061109; RU 2007134383 A 20090327;  
SV 2007002420 A 20070117; TW 200714585 A 20070416; US 2008015245 A1 20080117; US 7524971 B2 20090428; UY 29373 A1 20061002;  
WO 2006087476 A2 20060824; WO 2006087476 A3 20070809

DOCDB simple family (application)

**FR 0501660 A 20050217;** AR P060100534 A 20060215; AU 2006215521 A 20060216; BR PI0608866 A 20060216; CA 2597033 A 20060216;  
CN 200680004997 A 20060216; DO 2006000043 A 20060217; EP 06709331 A 20060216; FR 2006000356 W 20060216;  
IL 18503407 A 20070802; JP 2007555665 A 20060216; KR 20077018738 A 20070816; PA 8663601 A 20060217; RU 2007134383 A 20060216;  
SV 2006002420 A 20060217; TW 95105264 A 20060216; US 83285107 A 20070802; UY 29373 A 20060214