(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097786 A1

(51) International Patent Classification[7]: C07D 417/12, A61P 3/00, 25/00, 29/00, C07D 413/12, A61K 31/41

(21) International Application Number: PCT/EP2005/002950

(22) International Filing Date: 19 March 2005 (19.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04007879.2 1 April 2004 (01.04.2004) EP

(71) Applicant: AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: KEIL, Stefanie [DE/DE]; Am Kreishaus 12, 65719 Hofheim (DE). WENDLER, Wolfgang [DE/DE]; Haintchener Str. 12a, 65618 Selters (DE). GLIEN, Maike [DE/DE]; Lahnstrasse 9, 65195 Wiesbaden (DE). GOERLITZER, Jochen [DE/DE]; Stegstrasse 60, 60594 Frankfurt (DE). CHANDROSS, Karen [US/US]; 13 Staudt Ct, Somerset, NJ 08873 (US). MCGARRY, Daniel, G. [US/US]; 205 Carol Jean Way, Branchburg, NJ 08876 (US). MERRILL, Jean [US/US]; 101 Alpine Lane, Whippany, NJ 07981 (US). BERNARDELLI, Patrick [FR/FR]; 14 Rue Auguste Rodin, F-78450 Villepreux (FR). RONAN, Baptiste [FR/FR]; 15, Allée des Noisetiers, F-92140 Clamart (FR). TERRIER, Corinne [FR/FR]; 98bis, Avenue du Colonel Fabien, F-93190 Livry Gargan (FR).

(74) Agent: AVENTIS PHARMA DEUTSCHLAND GMBH; Patent- und Lizenzabteilung, Industriepark Höchst, Geb. K 801, 65926 Frankfurt (DE).

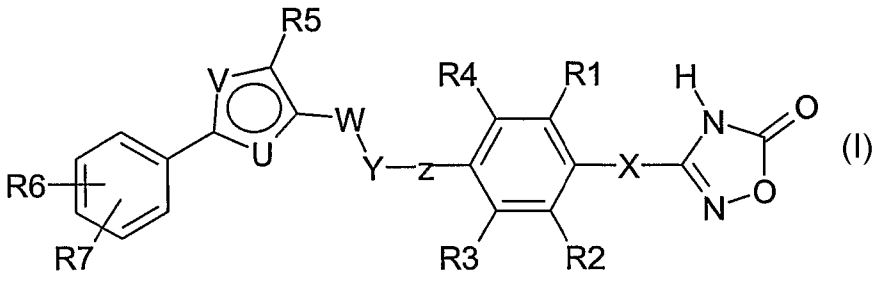
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**
— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: OXADIAZOLONE DERIVATIVES AS PPAR DELTA AGONISTS




(57) Abstract: The invention relates to oxadiazolones and to their physiologically acceptable salts and physiologically functional derivatives showing PPAR delta agonist activity. What is described are compounds of the formula (I) in which the radicals are as defined, and their physiologically acceptable salts and processes for their preparations. The compounds are suitable for the treatment and/or prevention of disorders of fatty acid metabolism and glucose utilization disorders as well as of disorders in which insulin resistance is involved; neurodegenerative diseases and/or demyelinating disorders of the central and peripheral nervous systems and/or neurological diseases involving neuroinflammatory processes and/or other peripheral neuropathies.

WO 2005/097786 A1