

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 July 2006 (20.07.2006)

PCT

(10) International Publication Number
WO 2006/074796 A1

(51) International Patent Classification:

C07C 49/755 (2006.01) C07D 249/04 (2006.01)
C07D 263/34 (2006.01) C07D 417/04 (2006.01)
C07D 213/50 (2006.01) C07D 271/06 (2006.01)
C07D 307/68 (2006.01) C07D 413/04 (2006.01)

(74) Common Representative: MERCK PATENT GMBH;
Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) Designated States (unless otherwise indicated, for every kind of regional 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, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, 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.

(21) International Application Number:

PCT/EP2005/013856

(22) International Filing Date:

22 December 2005 (22.12.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0500421 14 January 2005 (14.01.2005) FR

(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, LV, 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).

(71) Applicant (for all designated States except US): MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors; and

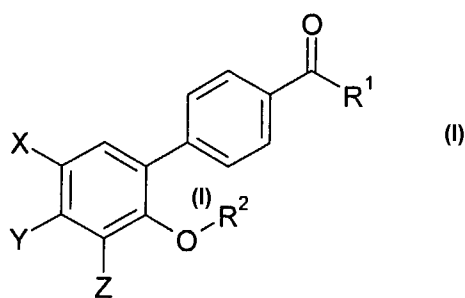
(75) Inventors/Applicants (for US only): BRUNET, Michel [FR/FR]; 7, Allée des Bleuets, F-69780 Toussieu (FR). ADJE, Nathalie [FR/FR]; 17, Allée des Anémomes, F-69740 Genas (FR). GUYARD-DANGREMONT, Valérie [FR/FR]; 3, route de la Charrière, F-01800 Saint Maurice de Gourdans (FR). CONTARD, Francis [FR/FR]; 9, rue Florent, F-69008 Lyon (FR).

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: PHENYLBENZOIC ACID DERIVATIVES, PROCESSES FOR THE PREPARATION THEREOF, PHARMACEUTICAL COMPOSITIONS COMPRISING THEM, AND THERAPEUTIC USES THEREOF



(57) Abstract: Compounds of the formula (1) in which R¹, R², X, Y and Z are as defined in the description, the processes for the preparation of these compounds, the uses thereof for the treatment of dyslipidaemia, atherosclerosis and diabetes, and the pharmaceutical compositions comprising them.