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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 February 2003 (06.02.2003)

PCT

(10) International Publication Number
WO 03/009841 A1

(51) International Patent Classification[7]: A61K 31/40, C07D 207/325, 207/333, 407/04, 409/04, 401/04, A61K 31/4025, A61P 3/06

(21) International Application Number: PCT/IN02/00155

(22) International Filing Date: 25 July 2002 (25.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
711/MUM/2001 26 July 2001 (26.07.2001) IN

(71) Applicant *(for all designated States except US)*: **CADILA HEALTHCARE LIMITED** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahemedabad 380 015, Gujarat (IN).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **LOHRAY, Braj, Bhushan** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahemedabad 380 015, Gujarat (IN). **LOHRAY, Vidya, Bhushan** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). **BAROT, Vijay, Kumar** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). **RAVAL, Saurin, Khimshankar** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). **RAVAL, Preeti, Saurin** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). **BASU, Sujay** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).

(74) Agents: **SUBRAMANIAM, Hariharan** et al.; Attorneys at Law and Patent Agents, Subramaniam, Nataraj & Associates, E 556, Greater Kailash II, New Delhi 110 048 (IN).

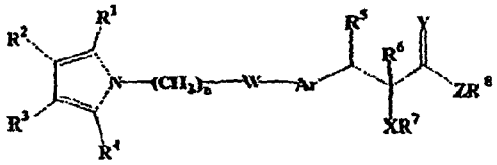
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT,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

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

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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: NOVEL PYRROLES HAVING HYPOLIPIDEMIC HYPOCHOLESTEREMIC ACTIVITIES, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN MEDICINE



(I)

(57) Abstract: The present invention relates to novel substituted pyrrole compounds, their derivatives, their analogs, their tautomeric forms, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. This invention particularly relates to novel substituted pyrrole compounds of the general formula (I), their analogs, their derivatives, their polymorphs, their tautomeric forms, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and their pharmaceutical compositions containing them. The invention also relates to the process for preparing such compounds, a composition containing such a compound and the use of such a compound and composition in medicine. The compounds lower triglyceride levels in blood and may be useful in the treatment of obesity, hyperlipidaemia, hypercholesteremia, syndrome X and diabetes.

WO 03/009841 A1