

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 May 2007 (18.05.2007)

PCT

(10) International Publication Number
WO 2007/054790 A1

(51) International Patent Classification:
C07D 207/34 (2006.01)

(21) International Application Number:
PCT/IB2006/003153

(22) International Filing Date:
8 November 2006 (08.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2964/DEL/2005 8 November 2005 (08.11.2005) IN
2967/del/2005 8 November 2005 (08.11.2005) IN
3033/DEL/2005 14 November 2005 (14.11.2005) IN

(71) Applicant (for all designated States except US): **RANBAXY LABORATORIES LIMITED** [IN/IN]; Plot No. 90, Sector - 32, Gurgaon 122001, Haryana (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SATTIGERI, Jitendra, Anant** [IN/IN]; N-323, Vijay Rattan Vihar, Sector 15-II, Gurgaon 122001, Haryana (IN). **SETHI, Sachin** [IN/IN]; C-II-50, Chhachhrauli Gate Jagadhri, Yamuna Nagar 135003, Haryana (IN). **KISHORE, Kaushal** [IN/IN]; Oriawan Post, Ekanger Sarai (via), Nalanda 801301, Bihar (IN).

(74) Common Representative: **RANBAXY LABORATORIES LIMITED**; c/o Deshmukh, Jayadeep, R., 600 College Road East, Suite 2100, Princeton, New Jersey 08540 (US).

(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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, 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).

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: PROCESS FOR PREPARATION OF (3R, 5R)-7-[2-(4-FLUOROPHENYL)-5-ISOPROPYL-3-PHENYL-4-[(4-HYDROXY METHYL PHENYL AMINO) CARBONYL]-PYRROL-1-YL]-3,5-DIHYDROXY-HEPTANOIC ACID HEMI CALCIUM SALT

(57) Abstract: The present invention relates to processes for the preparation of (3R, 5R)-7-[2-(4-fluorophenyl)-5-isopropyl-3-phenyl-4-[(4-hydroxy methyl phenyl amino) carbonyl]-pyrrol-1-yl]-3,5-dihydroxy-heptanoic acid hemi calcium salt.



WO 2007/054790 A1