

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 March 2006 (30.03.2006)

PCT

(10) International Publication Number
WO 2006/034473 A3

(51) International Patent Classification:

A61K 31/506 (2006.01) C07D 239/46 (2006.01)
C07D 403/04 (2006.01)

(74) Agent: WIGLEY, David, E.; Womble Carlyle Sandridge
& Rice, PLLC, P.O. Box 7037, Atlanta, GA 30357-0037
(US).

(21) International Application Number:

PCT/US2005/034243

(22) International Filing Date:

23 September 2005 (23.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/612,374 23 September 2004 (23.09.2004) US

(71) Applicant (for all designated States except US): REDDY
US THERAPEUTICS, INC. [US/US]; 3065 Northwoods
Circle, Norcross, GA 30071 (US).

(71) Applicants and

(72) Inventors: PAL, Manojit [IN/IN]; Flat N°. 203, 2nd
Floor, Plot N°. 17, Maruti Majestic, Miyapur, Hyderabad,
Andhra Pradesh 500049 (IN). KALLEDA, Srinivas
[IN/IN]; Plot N0. 10 B., Srinivas Nagar, Medical Society,
Kukatpally, Hyderabad 500072, Andhra Pradesh (IN).
PADAKANTI, Srinivas [IN/IN]; Plot N0. 10 B., Srinivas
Nagar, Medical Society, Kukatpally, Hyderabad 500072,
Andhra Pradesh (IN). KUMAR SWAMY, Nalivela
[IN/IN]; Plot N0. 191, J.P.N. Nagar, Near Hanuman
Temple, Bollaram Road, Miyapur, Hyderabad 500049,
Andhra Pradesh (IN). YELESWARAPU, Koteswar,
Rao [IN/IN]; Flat 202, Krishna Arcade, Plot N0.69 &
70, Methodist Colony, Begum Pet, Hyderabad 500016,
Andhra Pradesh (IN). ALEXANDER, Christopher, W.
[US/US]; 1981 Jordan Terrace NE, Atlanta, GA 30345
(US). KHANNA, Ish, Kumar [US/US]; 520 Barnes-
ley Lane, Alpharetta, GA 30022 (US). IQBAL, Javed
[IN/IN]; Flat N0. 101, Sri Krishna Residency, Road N0.
14, Banjara Hills, Hyderabad 500034, Andhra Pradesh
(IN). PILLARISETTI, Sivaram [US/US]; 4762 Grand
Heron Court, Norcross, GA 30092 (US). BARANGE,
Deepak [IN/IN]; H. No. 235, c/o A. Srinivas, Phase I,
J.P.N. Nagar, Miyapur, Hyderabad 500 049 (IN).

(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, KM, 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.

(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
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:

14 December 2006

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: NOVEL PYRIMIDINE COMPOUNDS, PROCESS FOR THEIR PREPARATION AND COMPOSITIONS CONTAIN-
ING THEM

(57) Abstract: The present invention provides new heterocyclic compounds, particularly substituted pyrimidines, methods and
compositions for making and using these heterocyclic compounds, and methods for treating a variety of diseases and disease states,
including atherosclerosis, arthritis, restenosis, diabetic nephropathy, or dyslipidemia, or disease states mediated by the low expres-
sion of Perlecan.

WO 2006/034473 A3