

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/042478 A3

(51) International Patent Classification⁷: **C07C 323/20**,
323/62, C07D 333/28, A61K 31/192, 31/277, 31/381,
A61P 3/06, 3/10

(21) International Application Number:
PCT/US2004/030375

(22) International Filing Date:
16 September 2004 (16.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/504,146 19 September 2003 (19.09.2003) US

(71) Applicant (for all designated States except US):
JANSSEN PHARMACEUTICA, N.V. [BE/BE]; Turn-
houtseweg 30, B2340, B-Beerse (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KUO, Gee-Hong**
[US/US]; 3 Traveller Way, Scotch Plains, NJ 07076 (US).
ZHANG, Rui [US/US]; 155 Matthews Farm Road, Belle
Mead, NJ 08502 (US). **WANG, Aihua** [US/US]; 1723 Fox-
wood Dr., Jamison, PA 18929 (US). **DEANGELIS, Alan,**
R. [US/US]; 108 Route 31 South, Pennington, NJ 08534
(US).

(74) Agents: **JOHNSON, Philip S.**, et al.; One Johnson &
Johnson Plaza, New Brunswick, New Jersey 08933 (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, 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, 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, IT, 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
- 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:
21 July 2005

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: 4-((PHENOXYALKYL)THIO)-PHENOXYACETIC ACIDS AND ANALOGS

(57) Abstract: The invention features 4-((phenoxyalkyl)thio)-phenoxyacetic acids and analogs, compositions containing them, and methods of using them as PPAR delta modulators to treat or inhibit the progression of, for example, dyslipidemia.



WO 2005/042478 A3