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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/014597 A1

(51) International Patent Classification[7]: C07D 487/04, A61K 31/505, A61P 25/00

(21) International Application Number: PCT/EP2004/008208

(22) International Filing Date: 22 July 2004 (22.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

200301746	24 July 2003 (24.07.2003)	ES
200401697	12 July 2004 (12.07.2004)	ES

(71) Applicant *(for all designated States except US)*: **FERRER INTERNACIONAL, S.A.** [ES/ES]; Gran Via Carlos III, 94, E-08028 Barcelona (ES).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ANGLADA, Luis** [ES/ES]; Bruch 111, E-08009 Barcelona (ES). **PALOMER, Albert** [ES/ES]; Almeria 23, E-08014 Barcelona (ES). **PRINCEP, Marta** [ES/ES]; Ventura Plaja 30-32, E-08028 Barcelona (ES). **GUGLIETTA, Antonio** [ES/ES]; Monistrol 12, E-08970 Sant Joan Despí (ES).

(74) Agent: **REITSTÖTTER, KINZEBACH & PARTNER (GbR)**; Sternwartstrasse 4, 81679 München (DE).

(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).

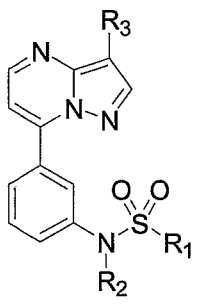
Published:

— *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*

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: N-[3-(3-SUBSTITUTED-PYRAZOLO[1,5-a]PYRIMIDIN-7-YL)PHENYL]-SULFONAMIDES, AND COMPOSITIONS, AND METHODS RELATED THERETO



(I)

(57) Abstract: The present invention relates to compounds of Formula (I): wherein R_1, R_2 and R_3 are as defined in the claims. The compounds have specific affinity for the $GABA_A$ receptor and are therefore useful in the treatment and prevention of diseases modulated by the α_1- and α_2-$GABA_A$ receptors.

WO 2005/014597 A1