



25 July 2003

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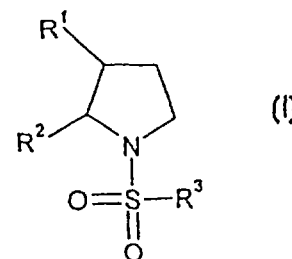
**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07D 207/48, 417/04, 405/04, 401/04, A61K 31/40, 31/4025, 31/4439, A61P 25/00	A1	(11) International Publication Number: WO 00/58285 (43) International Publication Date: 5 October 2000 (05.10.00)
(21) International Application Number: PCT/EP00/02431 (22) International Filing Date: 18 March 2000 (18.03.00) (30) Priority Data: 99106004.7 25 March 1999 (25.03.99) EP (71) Applicant: F. HOFFMANN-LA ROCHE AG [CH/CH]; 124, Grenzacherstrasse, CH-4070 Basle (CH). (72) Inventors: MUTEL, Vincent; 15, place des Maréchaux, F-68100 Mulhouse (FR). VIEIRA, Eric; 63, Burgfelder-mattweg, CH-4123 Allschwil (CH). WICHMANN, Jürgen; Im Wolfischbühl 32, D-79585 Steinen (DE). (74) Agent: POPPE, Regina; 124, Grenzacherstrasse, CH-4070 Basle (CH).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: 1-ARENESULFONYL-2-ARYL-PYRROLIDINE AND PIPERIDINE DERIVATIVES FOR THE TREATMENT OF CNS DISORDERS**(57) Abstract**

The invention relates to compounds of general formula (I) wherein R¹ signifies hydrogen, lower alkyl or hydroxy-lower alkyl; R² signifies furyl, thienyl, pyridyl or phenyl, which is optionally substituted by 1 to 3 substituents, selected from lower alkyl, lower alkoxy, halogen, cyano, CF₃ or -N(R⁴)₂; R³ signifies naphthyl or phenyl, which is optionally substituted by 1 to 3 substituents, selected from lower alkyl, lower alkoxy, halogen, acetyl, cyano, hydroxy-lower alkyl, -CH₂-morpholin-4-yl, lower alkyl-oxy-lower alkyl, lower alkyl-N(R⁴)₂ or CF₃; R⁴ signifies, independently from each other, hydrogen or lower alkyl, with the exception of (RS)-2-phenyl-1-(toluene-4-sulfonyl)-pyrrolidine and (RS)-1-(toluene-4-sulfonyl)-2-p-tolyl-pyrrolidine as well as their pharmaceutically acceptable salts. The compounds described above are metabotropic glutamate receptor antagonists or agonists and therefore useful in the treatment of corresponding CNS disorders.



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