



9704998-5

RTMP's copy



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

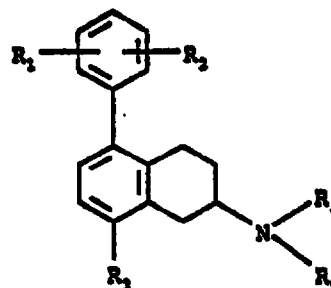
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 217/54, 211/42, 215/46, 255/58, 237/48, C07D 295/033, 295/073, A61K 31/135, 31/445, 31/275, 31/165		A1	(11) International Publication Number: WO 96/34849 (43) International Publication Date: 7 November 1996 (07.11.96)
(21) International Application Number: PCT/EP96/01841 (22) International Filing Date: 3 May 1996 (03.05.96) (30) Priority Data: 9509156.7 5 May 1995 (05.05.95) GB (71) Applicant (for all designated States except AT DE US): SANDOZ LTD. [CH/CH]; Lichtstrasse 35, CH-4002 Basle (CH). (71) Applicant (for DE only): SANDOZ-PATENT-GMBH [DE/DE]; Humboldtstrasse 3, D-79539 Lörrach (DE). (71) Applicant (for AT only): SANDOZ-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). (72) Inventor; and (75) Inventor/Applicant (for US only): SWOBODA, Robert [CH/CH]; Möbliweg 30, CH-3098 Köniz (CH). (74) Common Representative: SANDOZ LTD.; Patents & Trade-marks Division, Lichtstrasse 35, CH-4002 Basle (CH).		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	

(54) Title: TETRALINES BEARING A PHENYL SUBSTITUENT ON THE AROMATIC RING AND THEIR USE IN THE TREATMENT OF EPILEPSY, STROKE AND BRAIN OR SPINAL TRAUMA

(57) Abstract

Compounds of formula (I) wherein R₁ and R₂, independently, are hydrogen (C₁₋₄)alkyl, (C₁₋₄)alkoxy, (C₁₋₄)alkylthio, halogen, trifluoromethyl, trifluoromethoxy, cyano, (C₂₋₅)alkanoyl, (C₁₋₄)alkylsulfonyl or sulfamoyl; R₃ is hydrogen, hydroxy, (C₁₋₄)alkyl, (C₁₋₄)alkoxy, halogen, cyano, (C₂₋₅)alkanoyl, carbamoyl, (C₁₋₄)alkylsulfonyloxy or trifluoromethylsulfonyloxy; and R₄ and R₅, independently, are hydrogen, (C₁₋₄)alkyl, hydroxy(C₂₋₄)alkyl or phenyl(C₁₋₄)alkyl, or form together with the nitrogen atom to which they are attached a pyrrolidinyl, piperidino or piperazinyl group, in free base or acid addition salt form. Compounds according to formula (I) are useful in the treatment of epilepsy, stroke and brain or spinal trauma.



(I)