

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 217/18, 311/08, 233/78, 233/36, 335/20, 275/40, A61K 31/135, 31/18, 31/165, 31/17	A1	(11) International Publication Number: WO 99/29655 (43) International Publication Date: 17 June 1999 (17.06.99)
(21) International Application Number: ☒ PCT/HU98/00101 (22) International Filing Date: ☒ 10 December 1998 (10.12.98) (30) Priority Data: P 97 02411 ☒ 11 December 1997 (11.12.97) ☒ HU (71) Applicants (for all designated States except US): GYÓGYSZERKUTATÓ INTÉZET KFT. [HU/HU]; Berlini utca 47-49, H-1045 Budapest (HU). SZENT-GYÖRGYI ALBERT ORVOSTUDOMÁNYI EGYETEM [HU/HU]; Farmakológiai és Farmakoterápiai Intézete, Dóm tér 12, H-6701 Szeged (HU). (72) Inventors; and (75) Inventors/Applicants (for US only): PAPP, Gyula [HU/HU]; Nemes Takács u. 10, H-6723 Szeged (HU). VARRÓ, András [HU/HU]; Korányi fasor 3, H-6720 Szeged (HU). MÁTYUS, Péter [HU/HU]; Vályog u. 12, H-1032 Bu- dapest (HU). VARGA, Ildikó [HU/HU]; Frangepán u. 69, H-1135 Budapest (HU). RETTEGI, Tivadar [HU/HU]; Gyula- lai Pál u. 12, H-1085 Budapest (HU). DRUGA, Alice [HU/HU]; Árnys u. 1/a, H-1121 Budapest (HU). SIMAY, Antal [HU/HU]; Págony u. 30, H-1124 Budapest (HU). MORAVESIK, Imre [HU/HU]; Mester u. 38, H-1095 Bu-		dapest (HU). BERZSENYI, Pál [HU/HU]; Bulyovszky u. 12, H-1174 Budapest (HU). BARLOCCO, Daniella [IT/IT]; Via Vanvitelli, 49, I-20133 Milano (IT). CIGNARELLA, Giorgio [IT/IT]; Via G. Frua, 20, I-20146 Milano (IT). PÁTFALUSI, Márta [HU/HU]; Bercsényi u. 22/b, H-1117 Budapest (HU). (74) Agent: DANUBIA; Bajcsy-Zsilinszky út 16, H-1051 Budapest (HU). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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 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.
(54) Title: NOVEL ANTIARRHYTHMIC COMPOUNDS (I) (57) Abstract The invention relates to compounds of formula (I), wherein R¹ and R², independently from each other, mean hydrogen, halogen or C₁₋₄ alkyl group; R³, R⁴ and R⁵, independently from each other, stand for hydrogen or C₁₋₄ alkyl group; R⁶ represents hydrogen, C₁₋₄ alkyl or benzyl group; R⁷ means nitro group or amino group optionally monosubstituted by C₁₋₄ alkyl, benzoyl, C₁₋₄ alkylcarbonyl, C₁₋₄ alkylsulfonyl, C₁₋₄ alkylcarbamoyl or C₁₋₄ alkylthiocarbamoyl group; both n and m are 0 or 1, with the proviso that R² is different from hydrogen, when R¹ is hydrogen, as well as stereoisomers or mixtures of stereoisomers thereof, acid addition salts thereof and hydrates, prodrugs and metabolites of all these compounds. The invention relates also to the pharmaceutical compositions comprising the above compounds. The compounds according to the invention possess valuable antiarrhythmic effect.		