9805680-7

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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07D 213/38, 307/79, 307/82, A61K 31/44, 31/34 — A1

(11) International Publication Number: WO 97/48682

(43) International Publication Date: 24 December 1997 (24.12.97)

(21) International Application Number: PCT/US97/09744

(22) International Filing Date: 10 June 1997 (10.06.97)

(30) Priority Data:
08/664,583 17 June 1996 (17.06.96) US

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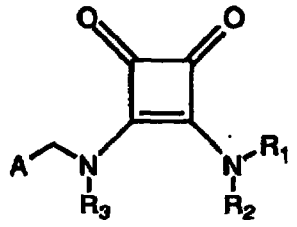
(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (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).

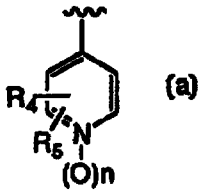
Published
With international search report.

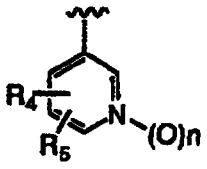
(54) Title: HETEROCYCLYLMETHYLAMINO DERIVATIVES OF CYCLOBUTENE-3,4-DIONES AS POTASSIUM CHANNEL MODULATORS

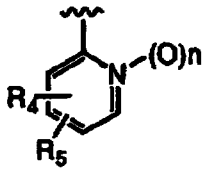
(57) Abstract

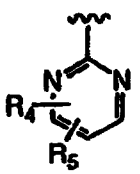
The compounds of formula (I) wherein R_1 and R_2 are, independently, hydrogen, straight chain alkyl, branched chain alkyl, cycloalkyl, bicycloalkyl or aralkyl, wherein the aromatic moiety of the aralkyl group may be optionally substituted with one to three straight chain alkyl, halogen, nitro, cyano, alkoxy, alkoxycarbonyl, trifluoromethyl or trifluoromethoxy groups; R_3 is hydrogen, formyl, alkanoyl, alkenoyl, alkylsulfonyl, aroyl, arylalkenoyl, arylsulfonyl, arylalkanoyl or arylalkylsulfonyl; A is selected from the group consisting of (a), (b), (c), (d) and (e) wherein n is 0 or 1; R_4, R_5 and R_6 are, independently, cyano, nitro, amino, alkyl, perfluoroalkyl, alkoxy, perfluoroalkoxy, alkylamino, dialkylamino, sulfamyl, alkylsulfonamido, arylsulfonamido, alkylcarboxamido, arylcarboxamido, alkanoyl, alkylsulfonyl, perfluoroalkylsulfonyl, arylsulfonyl, chloro, bromo, fluoro, iodo, 1-imidazolyl, carboxyl or hydrogen; or a pharmaceutically acceptable salt thereof, relax smooth muscles.

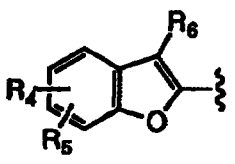

(I)


(a)


(b)


(c)


(d)


(e)