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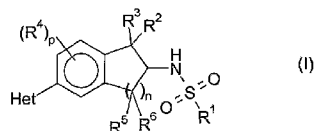
Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW,

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(54) Title: COMPOUNDS WHICH POTENTIATE GLUTAMATE RECEPTOR AND USES THEREOF IN MEDICINE



(I)

(57) Abstract: Compounds which potentiate glutamate receptor and uses thereof in medicine Compounds of formula (I) or a pharmaceutically acceptable salt, solvate or prodrug thereof, are disclosed: wherein R^1 is C_{1-6} alkyl, halo C_{1-6} alkyl, C_{2-6} alkenyl, amino, mono C_{1-4} alkylamino or di C_{1-4} alkylamino; R^2 and R^3 , which may be the same or different, are hydrogen, halogen, C_{1-6} alkyl, halo C_{1-6} alkyl, C_{1-4} alkoxy, halo C_{1-4} alkoxy, cyano, amino, mono C_{1-4} alkylamino or di C_{1-4} alkylamino; each R^4 , which may be the same or different, is C_{1-6} alkyl, halogen, C_{1-6} alkyl, halo C_{1-6} alkyl, C_{1-4} alkoxy, halo C_{1-4} alkoxy, cyano, nitro, amino, mono C_{1-4} alkylamino or di C_{1-4} alkylamino; p is 0, 1 or 2; n is 1 or 2; R^5 and R^6 , which may be the same or different, are hydrogen, halogen, C_{1-6} alkyl, halo C_{1-6} alkyl, C_{1-4} alkoxy, halo C_{1-4} alkoxy, cyano, amino, mono C_{1-4} alkylamino or di C_{1-4} alkylamino; and Het is thienyl, pyridyl, pyrimidinyl, pyridazinyl, pyrimidinyl, pyrazinyl, imidazolyl, pyrazolyl, pyrrolyl, quinolyl, thiazolyl or furyl, each of which may be substituted by one or more groups independently selected from the list consisting of C_{1-6} alkyl, C_{1-6} alkoxy, acetyl, halogen, halo C_{1-6} alkyl, cyano, nitro, amino, mono C_{1-4} alkylamino and di C_{1-4} alkylamino. Methods of preparation of the compounds, and uses thereof in medicine, for example treatment of schizophrenia, are also disclosed.

WO 2006/015828 A1



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