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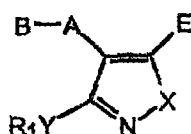
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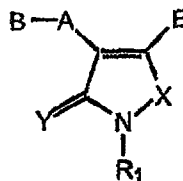
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(21) International Application Number: PCT/DK97/00426 (22) International Filing Date: 3 October 1997 (03.10.97) (30) Priority Data: ① 1092/96 4 October 1996 (04.10.96) DK (71) Applicant (for all designated States except US): H. LUNDBECK A/S [DK/DK]; Ottiliavej 9, DK-2500 Copenhagen-Valby (DK). (72) Inventors; and (75) Inventors/Applicants (for US only): BANG-ANDERSEN, Benny [DK/DK]; Nørrebrogade 48, 4.tv, DK-2200 Copenhagen N, [DK/DK]; BØGESØ, Klaus, Peter [DK/DK]; Hørsholm Park 16, 2.tv, DK-2970 Hørsholm (DK). ② KROGSGAARD-LARSEN, Povl [DK/DK]; Elmevej 25, DK-3450 Allerød, [DK/DK]; MOLTZEN LENZ, Sibylle [DK/DK]; Toftekærvej 29, DK-2820 Gentofte (DK). (74) Common Representative: H. LUNDBECK A/S; John Meidahl Petersen, Ottiliavej 9, DK-2500 Copenhagen-Valby (DK).	(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, 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, KE, LS, MW, SD, SZ, UG, ZW), 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.	

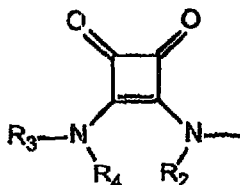
(54) Title: 3-ALKOXYISOXAZOL-4-YL-SUBSTITUTED 2-AMINO CARBOXYLIC ACID COMPOUNDS



(I)



(II)



(III)

(57) Abstract

(3-Alkoxyisoxazol-4-yl)-substituted 2-amino carboxylic acid derivatives and sulfur analogues thereof having general formula (I) or (II), wherein R₁ is hydrogen, alkyl, alkenyl, alkynyl, cycloalk(en)yl, cycloalk(en)yl-alk(en/yn)yl, or optionally substituted phenyl-alk(en/yn)yl; A is a bond or a hydrocarbon spacer group; B is a group -CR_a(NR_bR_c)-COOR₅ wherein R_a-R_c are independently hydrogen or alkyl, and R₅ is defined as R₁ or pivaloyloxymethyl, or B is a group of Formula (III), wherein R₂, R₃ and R₄ are independently selected from hydrogen, a non-aromatic hydrocarbon group, phenyl- and thienyl-alkyl, and a hetero aliphatic group, or R₃ and R₄ are connected, thereby forming an alkylene, alkenylene or alkynylene group, or R₄ and R₂ are connected in order to form an alkylene, alkenylene or alkynylene group, optionally substituted with hydroxy or methyl, or to form CH₂-O-CH₂; E is COOR₆, where R₆ is defined as R₅, or E is a tetrazolyl or triazolyl; X is O or S; and Y is O or S; are excitatory amino acid (EAA), in particular AMPA and/or NMDA receptor ligands, useful in the treatment of cerebral ischaemia, Huntington's disease, epileptic disorders, Parkinson's disease, Alzheimer's disease, schizophrenia, pain, depression and anxiety.