



(51) International Patent Classification:

C07D 207/09 (2006.01) C07D 403/12 (2006.01)
C07D 211/26 (2006.01) C07D 413/12 (2006.01)
C07D 265/30 (2006.01) C07D 413/14 (2006.01)
C07D 401/12 (2006.01) C07D 417/12 (2006.01)

(21) International Application Number:

PCT/EP2012/054939

(22) International Filing Date:

21 March 2012 (21.03.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11159566.6 24 March 2011 (24.03.2011) EP

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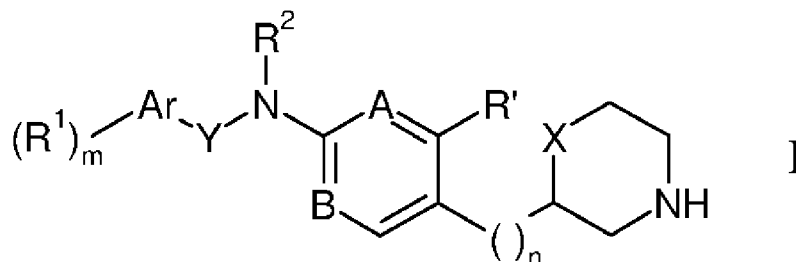
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: HETEROCYCLIC AMINE DERIVATIVES



(57) Abstract: The present invention relates to compounds of formula (I) wherein R¹ is hydrogen, lower alkyl, halogen, lower alkyl substituted by halogen, lower alkoxy, lower alkoxy substituted by halogen, cyano, nitro, C₃₋₆-cycloalkyl, -CH₂-C₃₋₆-cycloalkyl, -O-CH₂-C₃₋₆-cycloalkyl, -O-(CH₂)₂-O-lower alkyl, S(O)₂CH₃, SF₅, -C(O)NH-lower alkyl, phenyl, -O-pyrimidinyl, optionally substituted by lower alkoxy substituted by halogen, or is benzyl, oxetanyl or furanyl; m Ar is aryl or heteroaryl, selected from the group consisting of phenyl, naphthyl, pyrimidinyl, pyridinyl, benzothiazolyl, quinolinyl, quinazolinyl, benzo[d][1.3]dioxolyl, 5,6,7,8-tetrahydroquinazolinyl, pyrazolyl, pyrazinyl, pyridazinyl, or 1,3,4-oxadiazolyl; Y is a bond, -CH₂-, -CH₂CH₂-, -CH(CF₃)-, or -CH(CH₃)-, R² is hydrogen or lower alkyl; A is CR or N; and R is hydrogen, cyano, halogen or lower alkyl; R' is hydrogen or halogen; with the proviso that when R' is halogen, then A is CH; B is CH or N; n is 0, 1 or 2; X is a bond, -CH₂- or -O-; pharmaceutical active acid addition salts thereof. It has now been found that the compounds of formula I have a good affinity to the trace amine associated receptors (TAARs), especially for TAAR1. The compounds may be used for the treatment of depression, anxiety disorders, bipolar disorder, attention deficit hyperactivity disorder (ADHD), stress-related disorders, psychotic disorders such as schizophrenia, neurological diseases such as Parkinson's disease, neurodegenerative disorders such as Alzheimer's disease, epilepsy, migraine, hypertension, substance abuse and metabolic disorders such as eating disorders, diabetes, diabetic complications, obesity, dyslipidemia, disorders of energy consumption and assimilation, disorders and malfunction of body temperature homeostasis, disorders of sleep and circadian rhythm, and cardiovascular disorders.