

Title (en)

FUSED HETEROCYCLIC COMPOUNDS AND THEIR USE AS KYNURENINE-3-HYDROXYLASE INHIBITORS

Title (de)

KONDENSIERTE HETEROCYCLISCHE DERIVATE UND IHRE VERWENDUNG ALS KYNURENINE-3-HYDROXYLASE INHIBITOREN

Title (fr)

COMPOSES HETEROCYCLIQUES FONDUS ET UTILISATION DE CES COMPOSES COMME INHIBITEURS DE LA KYNURENINE-3-HYDROXYLASE

Publication

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Application

EP 98938689 A 19980702

Priority

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- GB 9716101 A 19970730

Abstract (en)

[origin: WO9906375A1] A compound which is a condensed heterocycle of formula (I) wherein <u>a</u>, <u>b</u> and <u>c</u> are all single bonds; or <u>a</u>, <u>b</u> and <u>c</u> are all double bonds; or <u>a</u> is a double bond and <u>b</u> and <u>c</u> are single bonds; m is zero or an integer of 1 to 6; W is -CONH-, -SO2- or -CO-; X is O, S or NR2, in which R2 is hydrogen, C1-C6 alkyl, benzyl, pyridyl, tetrahydropyranyl or a phenyl ring unsubstituted or substituted by one or two substituents which are the same or different and are chosen independently from halogen, C1-C6 alkyl, C1-C6 alkoxy, nitro, amino, hydroxy, formylamino, C2-C6 alkanoylamino trifluoromethyl and C1-C6 alkoxy-carbonyl; each of R and R1 is independently hydrogen, halogen, hydroxy, trifluoromethyl, nitro, amino, phenyl, benzyl, C1-C6 alkyl, C1-C6 alkoxy, C2-C6 alkanoylamino, formylamino or C1-C6 alkoxy-carbonyl; and Q is C1-C14 alkyl or a phenyl ring or an unsaturated pentatomic heteromonocyclic ring containing two or three heteroatoms chosen independently from oxygen, sulphur and nitrogen, wherein the phenyl ring and the heteromonocyclic ring are unsubstituted or substituted by one or two substituents which are the same or different and are chosen independently from halogen, hydroxy, trifluoromethyl, nitro, amino, phenyl, benzyl, C1-C6 alkyl, C1-C6 alkoxy, C2-C6 alkanoylamino, formylamino, and C1-C6 alkoxy-carbonyl, or a pharmaceutically acceptable salts thereof, is useful as a kynurenine-3-hydroxylase inhibitor.

IPC 1-7

C07D 231/56; C07D 261/20; C07D 275/04; A61K 31/415; A61K 31/42; A61K 31/425

IPC 8 full level

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