Title (en)

2,3-DIHYDROFURO 3,2-(b) PYRIDIN, PREPARATION AND APPLICATION THEREOF IN THERAPY

Title (de)

2,3-DIHYDROFURO¬3,2-B PYRIDINDERIVATE, VERFAHREN ZU IHRER HERSTELLUNG UND THERAPEUTISCHE VERWENDUNG

Title (fr)

DERIVES DE 2,3-DIHYDROFURO 3,2-(b) PYRIDINE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

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Abstract (en)

[origin: FR2761072A1] The invention concerns compounds of general formula (I) in which R1 represents a hydrogen atom, a (C1-C6)alkyl group or a phenyl(C1-C4)alkyl group; R2 represents a hydrogen atom of a (C1-C6)alkyl group; and R3, R4 and R5 represent each, independently of one another, a hydrogen or halogen atom or a trifluoromethyl, cyano, hydroxy, (C1-C6)alkyl or (C1-C6)alkoxy group. The results of biological assays carried out on said compounds show that they are powerful and selective cholinergic ligands for nicotinic receptors. These results suggest that the compounds can be used for treating or preventing disorders related to the dysfunction of nicotinic receptors, in particular in the central nervous system or the gastro-intestinal system.

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C07D 491/048; A61K 31/435

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