

Title (en)
AMINOMETHYL-BENZO A QUINOLIZIDINE DERIVATIVES, PREPARATION AND THERAPEUTIC APPLICATIONS FOR NEURODEGENERATIVE DISEASES

Title (de)
AMINOMETHYLBENZOCHINOLIZIDINDERIVATE, IHRE HERSTELLUNG UND IHRE VERWENDUNG ZUR BEHANDLUNG VON NEURODEGENERATIVEN KRANKHEITEN

Title (fr)
DERIVES D'AMINOMETHYL-BENZO A QUINOLIZIDINE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE POUR LES MALADIES NEURODEGENERATIVES

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Application
EP 98951548 A 19981026

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• FR 9713499 A 19971028

Abstract (en)
[origin: FR2770215A1] Benzo(a)quinolizidine derivatives (I) which are 2-substituted by N-substituted aminomethyl are new. Aminomethyl benzo(a)quinolizidine derivatives of formula (I) are new. R1 = H, halo OH or 1-4C alkyl or 1-4C alkoxy (both optionally cyclized); R2 = H or 1-6C alkyl; R3 = H, alkyl sulfonyl or arylsulfonyl (both optionally substituted) or it forms (C=X)-NR4R5or (C=X)-R6; X = O or S; R4, R5 = H, 1-8C alkyl (optionally cyclized) or aryl, aralkyl, aroyl (all aryl groups optionally substituted) or R4 and R5 may be linked by a carbon chain, optionally containing a heteroatom; or R4 = aralkyl or aryloxyalkyl (the aryl part being optionally substituted and the alkyl part being optionally cyclized); R6 = H, 1-10C alkyl (optionally cyclized, optionally containing a heteroatom, optionally incorporating a double bond that may be conjugated with the C=X carbonyl), 1-8C alkoxy (optionally cyclized), optionally substituted aralkoxy or an aromatic or heteroaromatic group optionally substituted by 1-6C alkyl, 1-6C alkoxy, OH, halogens, nitro, CF3, CN, COCH3, thiophene, furan, pyrrole, pyridine and their benzo-fused derivatives, R6 may further contain aromatic cyclic systems such as 2-indanyl, fluorenyl, coumarinyl or benzopyranyl. aryl = phenyl or naphthyl; heteroaryl = 5- or 6-membered ring containing one or more N, O or S, as well as their benzofused derivatives forming pyridine, furan, thiophene, benzoxazine, quinoxaline, quinazoline, benzimidazole or benzopyrazole.

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