

Title (en)
CHINOLINE-2-(1H)-ONES

Title (de)
CHINOLIN-2-(1H)-ONE

Title (fr)
QUINOLEIN-2-(1H)-ONES

Publication
EP 0885196 A1 19981223 (DE)

Application
EP 97900586 A 19970110

Priority
• DE 19601782 A 19960119
• EP 9700084 W 19970110

Abstract (en)
[origin: DE19601782A1] The invention relates to chinoline-2-(1H)-ones derivatives of the formula (I), in which R<1>, R<2> and R<3> are each independently H, Hal, A or OA; R<4> is H, -(CH2)m-NR<6>R<7>, R<5> is H, -(CH2)n-NR<6>R<7>, R<6> is H, A or together with R<7>-(CH2)4 or -(CH2)5-; R<7> is H, A or (CH2)m- with a bond for an identical or adjacent ring B or D or together with R<6>-(CH2)4- or -(CH2)5-; X is -CHR<5>-, -NR<5>-, -O-, -S-; A is alkyl with 1 to 6 C-atoms; Hal is F, Cl, Br or I; m is 1 to 3; and n is 0 to 3, at least one of the two radicals R<4> or R<5> having the meaning -(CH2)m-NR<6>R<7> or -(CH2)n-NR<6>R<7>. The invention also relates to the salts and solvates of said derivatives, and the use of said compounds and the biocompatible salts for the treatment of neurodegenerative changes in functions of the central nervous system.

IPC 1-7
C07D 215/22; A61K 31/47

IPC 8 full level
A61K 31/00 (2006.01); **A61K 31/47** (2006.01); **A61K 31/4704** (2006.01); **A61K 31/472** (2006.01); **A61K 31/4725** (2006.01); **A61P 25/28** (2006.01); **C07D 215/22** (2006.01); **C07D 401/10** (2006.01)

CPC (source: EP KR US)
A61P 25/28 (2018.01 - EP); **C07D 215/12** (2013.01 - KR); **C07D 215/18** (2013.01 - KR); **C07D 215/20** (2013.01 - KR); **C07D 215/22** (2013.01 - EP KR US); **C07D 217/24** (2013.01 - KR); **C07D 401/10** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
US 6028080 A 20000222; AR 005646 A1 19990714; AU 1311297 A 19970811; AU 716230 B2 20000224; BR 9707027 A 19990720; CA 2243474 A1 19970724; CA 2243474 C 20091027; CN 1211974 A 19990324; CZ 224098 A3 19981014; DE 19601782 A1 19970724; EP 0885196 A1 19981223; HU P9900563 A2 19990628; HU P9900563 A3 20000228; JP 2000503308 A 20000321; KR 19990077308 A 19991025; MX 9805700 A 19981129; NO 983333 D0 19980717; NO 983333 L 19980918; PL 327829 A1 19990104; SK 93198 A3 19990111; WO 9726244 A1 19970724; ZA 97364 B 19970722

DOCDB simple family (application)
US 10183798 A 19980717; AR P970100184 A 19970117; AU 1311297 A 19970110; BR 9707027 A 19970110; CA 2243474 A 19970110; CN 97192395 A 19970110; CZ 224098 A 19970110; DE 19601782 A 19960119; EP 9700084 W 19970110; EP 97900586 A 19970110; HU P9900563 A 19970110; JP 52565697 A 19970110; KR 19980705454 A 19980716; MX 9805700 A 19980715; NO 983333 A 19980717; PL 32782997 A 19970110; SK 93198 A 19970110; ZA 97364 A 19970116