

Title (en)
POLYSUBSTITUTED QUINIC ACID DERIVATIVES AND USE THEREOF FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES

Title (de)
POLYSUBSTITUIERTE CHININSÄUREDERIVATE UND VERWENDUNG DAVON ZUR BEHANDLUNG VON NEURODEGENERATIVEN KRANKHEITEN

Title (fr)
DERIVES D'ACIDES QUINIQUES POLYSUBSTITUES ET LEUR UTILISATION POUR LE TRAITEMENT DES MALADIES NEURODÉGÉNÉRATIVES

Publication
EP 3532048 A1 20190904 (FR)

Application
EP 17797101 A 20171026

Priority
• FR 1660403 A 20161026
• EP 2017077430 W 20171026

Abstract (en)
[origin: WO2018078010A1] The present invention relates to polysubstituted quinic acid derivatives (abbreviated to "PSQs") of general formula (IA): in which R represents a linear or branched, cyclic or branched cyclic, saturated or unsaturated C2-Cp alkyl group, said group being able to be substituted or unsubstituted, p being a natural integer between 3 and 18, and Q1, Q3, Q4 and Q5 each representing, independently of one another, a hydrogen atom or a group selected from caffeoyl, maloyl, caffeoylmaloyl and maloylcaffeoyl groups, with the proviso that at least one of these radicals is not a hydrogen atom, the stereoisomers thereof and the pharmaceutically or nutraceutically acceptable salts thereof, for the prevention and/or the treatment of a neurodegenerative disease, especially Alzheimer's disease. Another subject of the invention is compounds of formula (IA) per se, a process for preparing such compounds, compounds according to the invention intended to be used as medicament, especially for the prevention and/or treatment of a neurodegenerative disease, in particular Alzheimer's disease, and a pharmaceutical composition comprising at least one compound according to the invention.

IPC 8 full level
A61K 31/215 (2006.01); **A61K 31/216** (2006.01); **A61P 25/28** (2006.01); **C07C 69/757** (2006.01)

CPC (source: EP)
A61K 31/216 (2013.01); **A61P 25/00** (2017.12); **A61P 25/28** (2017.12); **C07C 69/757** (2013.01); **C07C 2601/14** (2017.04)

Citation (search report)
See references of WO 2018078010A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3057772 A1 20180427; **FR 3057772 B1 20201002**; EP 3532048 A1 20190904; WO 2018078010 A1 20180503

DOCDB simple family (application)
FR 1660403 A 20161026; EP 17797101 A 20171026; EP 2017077430 W 20171026