

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

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Application  
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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.

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