

Title (en)

COMPLEXES BETWEEN AN AMPHIPHILIC POLYMER AND AN OSTEOGENIC PROTEIN OF THE BMPS FAMILY

Title (de)

KOMPLEXE ZWISCHEN EINEM AMPHIPHILEN POLYMER UND EINEM OSTEOGENEN PROTEIN DER BMPS-FAMILIE

Title (fr)

COMPLEXES ENTRE UN POLYMÈRE AMPHIPHILE ET UNE PROTÉINE OSTÉOGÉNIQUE APPARTENANT À LA FAMILLE DES BMPs

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Abstract (en)

[origin: WO2009016131A1] The invention relates to a physically and chemically stable, water-soluble amphiphilic polymer-BMP complex, characterised in that: the amphiphilic polymers include a hydrophilic polysaccharide skeleton functionalised by hydrophobic substituents and hydrophilic groups; the BMP is selected from the group of therapeutically active BMPs (Bone morphogenetic Proteins); the polymer/BMP mass ratio is lower than or equal to 700. The invention also relates to a method for preparing the amphiphilic polymer-BMP complex in an aqueous medium in the absence of any solvent capable of denaturing the protein. The invention further relates to therapeutic compositions of the amphiphilic polymer-BMP complex of the invention.

IPC 8 full level

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