

DEXTRAN FUNCTIONALIZED BY HYDROPHOBIC AMINO ACIDS

ABSTRACT

5 The invention relates to a dextran functionalized by at  
least one hydrophobic alpha-amino acid radical, said  
alpha-amino acid being grafted or bonded to the dextran by  
a bonding arm and a functional group. A hydrophobic amino  
acid radical is understood as being the product of  
10 coupling between the amine of the amino acid and an acid  
carried by the bonding arm, said dextran being amphiphilic  
at neutral pH. In an embodiment, the hydrophobic amino  
acid is selected from tryptophan derivatives, such as  
tryptophan, tryptophanol, tryptophanamide, 2-indole ethyl-  
15 amine and their alkaline cation salts. The present  
invention relates also to a pharmaceutical composition  
comprising one of the dextrans according to the invention.

20

No Figure