

Title (en)

METHOD FOR PRODUCING CONJUGATES OF POLYSACCHARIDES AND POLYNUCLEOTIDES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KONJUGATEN AUS POLYSACCHARIDEN UND POLYNUKLEOTIDEN

Title (fr)

PROCEDE POUR PRODUIRE DES CONJUGUES CONSTITUES DE POLYSACCHARIDES ET DE POLYNUCLEOTIDES

Publication

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Application

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Abstract (en)

[origin: WO2005074993A2] The invention relates to a method for producing a conjugate of a polynucleotide and a polysaccharide, said method comprising the following steps: a) an aldonic acid of the polysaccharide or a derivative thereof is provided; b) the aldonic acid is reacted with an alcohol derivative, preferably a carbonate derivative of an alcohol, to form an aldonic acid ester, preferably an activated aldonic acid ester; and c) the aldonic acid ester is reacted with the polynucleotide, said polynucleotide comprising a functional amino group. The aldonic acid is reacted with the alcohol derivative in step (b) in a dry aprotic polar solvent.

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