

Title (en)

METHOD FOR PRODUCING OLIGOSACCHARIDES AND OLIGOSACCHARIDE GLYCOSIDES BY FERMENTATION

Title (de)

VERFAHREN ZUR HERSTELLUNG VON OLIGOSACCHARIDEN UND OLIGOSACCHARIDGLYKOSIDEN DURCH FERMENTATION

Title (fr)

PROCÉDÉ DE PRODUCTION D'OLIGOSACCHARIDES ET D'OLIGOSACCHARIDE GLYCOSIDES PAR FERMENTATION

Publication

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Application

EP 13800288 A 20130607

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Abstract (en)

[origin: WO2013182206A1] The application discloses a method for producing anomerically protected glycosidic oligosaccharide derivatives comprising the step of culturing, in a culture medium containing an anomerically protected lactose acceptor, a genetically modified cell having a recombinant gene that encodes a glycosyl transferase that can transfer a glycosyl residue of an activated sugar nucleotide to said lactose acceptor. The application further discloses a method for producing an oligosaccharide comprising the steps of: (a) culturing, in a culture medium containing an anomerically protected lactose acceptor, a genetically modified cell having a recombinant gene that encodes a glycosyl transferase that can transfer a glycosyl residue of an activated sugar nucleotide to said lactose acceptor to produce an anomerically protected glycosidic oligosaccharide derivative, then (b) removing/deprotecting the anomeric protective group.

IPC 8 full level

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