

Title (en)

ISOLATION OF CARBOHYDRATES FROM CELL TISSUE.

Title (de)

ISOLIERUNG VON KOHLEHYDRATEN AUS ZELLGEWEBEN.

Title (fr)

ISOLATION D'HYDRATES DE CARBONE A PARTIR DE TISSUS CELLULAIRES.

Publication

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Application

EP 81900324 A 19810128

Priority

SE 8000658 A 19800128

Abstract (en)

[origin: WO8102104A1] A process for isolating the carbohydrate fraction (oligosaccharides) from cell tissue with degradation of the glycoconjugates, the cell tissue being treated with a reagent containing or consisting of trifluoroacetic acid anhydride, and the carbohydrates being released under conversion to trifluoroacetates, which are optionally detrifluoroacetylated. Starting from erythrocyte membranes oligosaccharides possessing blood group specificity can be recovered, and such oligosaccharides are useful for blood group determination.

Abstract (fr)

Procede d'isolation de la fraction hydrates de carbone (oligosaccharides) a partir de tissus cellulaires avec degradation des glycoconjugues, le tissu cellulaire etant traite avec un reactif contenant ou se composant d'anhydride d'acide trifluoroacetique, les hydrates de carbone etant liberes a la suite de leur conversion en trifluoroacetates, qui sont facultativement detrifluoroacetyles. En partant de membranes erythrocytes, des oligosaccharides possedant une specificite de groupes sanguins peuvent etre recuperes, a partir de tels oligosaccharides et sont utiles pour la determination du groupe sanguin.

IPC 1-7

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IPC 8 full level

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