Alkyl glycoside surfactants from starch and sucrose

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Description

With starch (glucose) and sucrose as starting materials, a number of principally different conversion procedures towards O-alkylated carbohydrates have been investigated. Both enzymic and chemical conversions, without the use of non-volatile toxic solvents, have been taken into consideration. In addition, isolation of a surfactant from the reaction mixture has been considered to be an integral part of the synthesis.

Dissertation


Publications from the dissertation