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(54) **Title:** PROCESS FOR THE PREPARATION OF SUCROSE-6-ESTER BY ESTERIFICATION IN THE PRESENCE OF SOLID SUPERACID CATALYST

(57) **Abstract:** One embodiment of the present inventionis a process of making sucrose-6-ester from sucrose by transesterification in the presence of a solid super acid catalyst such as SO_4^{2-}--TiO_2/Al_2O_3 or SO_4^{2-}--TiO_2. The sucrose-6-acetate is then chlorinated to afford sucralose-6-acetate, using BTC or thionyl chloride. Sucralose-6-acetate is converted into TPSGA for the purpose of purification. TPSGA is de-esterified by sodium methoxide/methanol or sodium ethoxide/ethanol to give sucralose.