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(54) Title: TIN MEDIATED REGIOSELECTIVE SYNTHESIS OF SUCROSE-6-ESTERS

(57) Abstract: A method is disclosed for regioselective synthesis of sucrose-6-acetate via formation of a novel sucrose-tin adduct using sucrose and DBTO. The novel tin adduct can be represented by a formula (6-O-sucrose) - O - Snbutyl.sub.2 -O- (6-O-sucrose) or as 1,3.(di O-sucrose) dibutyl stannylene. The adduct is acylated to yield sucrose-6-acetate or sucrose-6-benzoate as major product.



WO 2006/120697 A3