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(54) Title: ENZYMATIC PRODUCTION OF SUCROSE-6-ESTER, AN INTERMEDIATE FOR THE MANUFACTURE OF HALO SUGARS

(57) Abstract: A novel process is described for production of 6-acyl-sucrose comprising enzymatic acylation of sucrose by an esterifying agent including an organic acid in presence of a lipase or an esterase in a solvent in which the enzyme used is stable. Chlorinated sucrose, the high intensity sweetener trichlorogalactosucrose can be prepared by chlorination and deacylation of 6-acyl sucrose prepared by the process of this invention.



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