

Title (en)

METHOD FOR USING A CARBAMOYL FLUORIDE AS FLUORINATING AGENT

Title (de)

VERFAHREN ZUR VERWENDUNG VON CARBAMOYLFLUORID ALS FLUORIERUNGSMITTEL

Title (fr)

PROCEDE D'UTILISATION DE FLUORURE DE CARBAMOYLE COMME AGENT FLUORANT

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Application

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Abstract (en)

[origin: WO02055487A2] The invention concerns a method for using a carbamoyl fluoride as fluorinating agent. Said method consists in treating a derivative bearing a halogen-containing carbon, with a carbamoyl fluoride at a temperature not less than 70 DEG C and in maintaining the ratio between the sum of hydrofluoric acid (HF) and carbamoyl fluoride as well as between the sum of exchangeable halogen atoms, isocyanate functions and carbamoyl fluoride [(HF + carbamoyl fluoride)/(exchangeable halogen + isocyanate + carbamoyl fluoride)] at a value not more than 1.2; then in carrying out a catalysis process with tin, antimony and/or titanium salt. The invention is applicable to synthesis of fluorinated derivatives.

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