

Title (en)
METHOD FOR PREPARING FLUOROORGANIC COMPOUNDS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FLUORORGANISCHEN VERBINDUNGEN

Title (fr)
PROCEDE DE PREPARATION DE COMPOSES FLUOROORGANIQUE

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Application
EP 18724898 A 20180522

Priority

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Abstract (en)
[origin: WO2018215418A1] The present invention concerns a method for preparing a compound of formula (I) $\text{HR}_1\text{R}_2\text{C}-\text{CF}_2-(\text{C}=\text{O})-\text{Y}$ from a compound of formula (II) $\text{R}_1\text{C}_2\text{C}=\text{CX}-(\text{C}=\text{O})-\text{Y}$ or formula (III) $\text{HR}_1\text{R}_2\text{C}-\text{CX}_1\text{X}_2-(\text{C}=\text{O})-\text{Y}$ brought into contact with hydrofluoric acid; R_1 and R_2 being selected independently from H, F, Cl, Br, I, C1-C20-alkyl, C6-C20-aryl and C2-C20-alkenyl, C3-C20-cycloalkenyl and C3-C20-cycloalkyl; X_1 and X_2 being selected independently from F, Cl, Br and I on condition that X_1 and X_2 are not simultaneously F; Y being selected from the group consisting of H, C1-C20-alkyl, C1-C20-haloalkyl, C6-C20-aryl, -OH, -OR, -NH₂, -NHR, -NR₂, -SR, C3-C20-cycloalkyl, C3-C20-cycloalkenyl and C2-C20-alkenyl; R being selected independently from the group consisting of C1-C20-alkyl, C6-C20-aryl and C2-C20-alkenyl, C3-C20-cycloalkenyl and C3-C20-cycloalkyl.

IPC 8 full level
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CPC (source: EP IL US)
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C-Set (source: EP)

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