

Title (en)

METHOD FOR PREPARING IMIDE SALT CONTAINING A FLUOROSULPHONYL GROUP

Title (de)

VERFAHREN ZUR HERSTELLUNG VON IMIDSALZ MIT EINER FLUORSULFONYLGRUPPE

Title (fr)

PROCEDE DE PREPARATION DE SEL D'IMIDES CONTENANT UN GROUPEMENT FLUOROSULFONYLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019229359A1] The present invention concerns a method for preparing a compound of the following formula (III): R₂-(SO₂)-NM-(SO₂)-F (III) in which R₂ represents one of the following radicals: F, CF₃, CHF₂, CH₂F, C₂HF₄, C₂H₂F₃, C₂H₃F₂, C₂F, C₃F₇, C₃H₄F₃, C₃HF₆, C₄F₉, C₄H₂F₇, C₄H₄F, CF₁₁, C₆F₁₃, C₇F₁, C₈F₁₇ or C₉F₁₉; M represents a monovalent or divalent cation; the method comprising: - a step b) of fluorinating a compound of the following formula (I): R₁-(SO₂)-NH-(SO₂)-Cl (I) in which R represents one of the following radicals: Cl, F, CF₃, CHF₂, CH₂F, C₂HF₄, C₂H₂F₃, C₂H₃F₂, C₂F, C₃F₇, C₃H₄F₃, C₃HF₆, C₄F₉, C₄H₂F₇, C₄H₄F, CF₁, C₆F₁₃, C₇F₁₅, C₈F₁₇ or C₉F₁₉, R preferably representing Cl; with at least one fluorinating agent; 2 - a step c) of distilling the composition obtained in step b).

IPC 8 full level

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