

Title (en)

FRIEDEL-CRAFTS ACYLATION IN A STATIC MICROMIXER

Title (de)

FRIEDEL-CRAFTS ACYLIERUNG IM STATISCHEN MIKROMISCHER

Title (fr)

ACYLATION DE FRIEDEL-CRAFTS DANS UN MICROMELANGEUR STATIQUE

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Application

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Abstract (en)

[origin: DE19935691A1] The invention relates to a method for the Friedel-Crafts acylation of organic compounds. The method is characterised in that a) a solution is produced which contains an acylation reagent and a strong acid; b) this solution is mixed in an intensive manner with an organic compound, preferably an aromatic or heteroaromatic compound in liquid or solution form c) in a temperable microreactor, whose outlet channel is optionally connected to a temperable capillary which measures several metres, during a sufficient dwell time. The product formed during the reaction is isolated from the collected reaction mixture.

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