

Title (en)

METHOD FOR THE C-ALKYLATION OF HYDROXYL AROMATIC COMPOUNDS

Title (de)

VERFAHREN FÜR DIE C-ALKYLIERUNG AROMATISCHER HYDROXYLVERBINDUNGEN

Title (fr)

PROCEDE DE C-ALKYLATION DE COMPOSES AROMATIQUES HYDROXYLES.

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Application

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Abstract (en)

[origin: WO2007015015A2] The invention relates to a method for the selective C-alkylation in para position of a hydroxyl group of a hydroxylated aromatic compound. The inventive method for the C-alkylation of a hydroxylated aromatic compound having at least one hydrogen atom in para position in relation to the hydroxyl group is characterised by the fact that the compound is placed in the presence of an acid catalyst of formula (I) and a compound leading to the formation of a carbocation in the presence of the acid catalyst. The acid catalyst corresponds to the following formula $H-A-[SO₂-C_pH_aX_b]_n$ (I) wherein A represents a nitrogen (N) or carbon (C) atom, n is equal to 2 when A is a nitrogen atom, and 3 when A is a carbon atom, X is a halogen atom, p is equal to a number between 1 and 10, b is equal to a number between 3 and 21, and $a+b=2p+1$.

IPC 8 full level

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