

Orthoamide, LX [1]. *N,N,N',N'*-Tetraformylhydrazin – ein breit anwendbares Formylierungsmittel für aromatische Verbindungen*

Orthoamide, LX [1]. *N,N,N',N'*-Tetraformylhydrazine – a Formylation Agent for Aromatic Compounds of Wide Scope

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The reagent system formed from *N,N,N',N'*-tetraformylhydrazine (**3**) and aluminum chloride allows the formylation of aromatic compounds. The scope of the method is comparable with the Olah formylation and the Groß-Rieche procedure, since benzene and fluorobenzene can be formylated. Two formyl groups are transferred from **3** to the aromatic nuclei when a molar ratio 4:1:4 (aluminum chloride/**3**/aromatic compound) is chosen.

Key words: Aromatic Aldehydes, Formylation, *N,N,N',N'*-Tetraformylhydrazine, Electrophilic Aromatic Substitution