

A SOLVENT FREE METHOD FOR DEOXIMATION REACTION

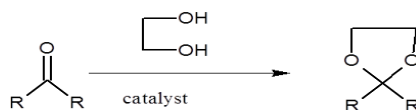
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ABSTRACT

Oxime is an important intermediate for protection, purification and characterization of carbonyl compounds. Various methods are adopted for deoimination process to obtain the parent carbonyl. A simple procedure for deoimination in solvent free condition is reported using modified clay as catalyst. Under the conditions developed in this effort, various ketones and aldehydes are produced in good to excellent yields.

General Reaction



Where R = H, aromatic, aliphatic

KEYWORDS: Deoimination, Solvent Free Condition, Heteropoly Acids, Bentonite