

Polyvinylpolypyrrolidonium Tribromide as an Efficient Catalyst for the Acetylation of Alcohols and Phenols

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摘要 An efficient and versatile procedure for the acetylation of alcohols and phenols using acetic anhydride in the presence of a catalytic amount of polyvinylpolypyrrolidonium tribromide has been successfully developed. Primary, secondary, and tertiary alcohols, as well as a selection of the phenolic compounds, have been successfully acetylated according to this procedure, with good to high yields being achieved over short reaction times.

关键词: [alcohol](#) [phenol](#) [polyvinylpolypyrrolidonium tribromide](#) [acetylation](#) [acetic anhydride](#)

Abstract: An efficient and versatile procedure for the acetylation of alcohols and phenols using acetic anhydride in the presence of a catalytic amount of polyvinylpolypyrrolidonium tribromide has been successfully developed. Primary, secondary, and tertiary alcohols, as well as a selection of the phenolic compounds, have been successfully acetylated according to this procedure, with good to high yields being achieved over short reaction times.

Keywords: [alcohol](#), [phenol](#), [polyvinylpolypyrrolidonium tribromide](#), [acetylation](#), [acetic anhydride](#)

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