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An Efficient Acetylation of Primary and Secondary Aliphatic Alcohols with Acetic Anhydride in the Presence of Graphite Bisulphate

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Abstract: In cyclohexane, thirteen examples of primary and secondary aliphatic alcohols were easily converted to the corresponding acetate derivatives within a short time, ranging from 5 min to 2.5 h, and in good yields close to 90%, using acetic anhydride as reagent and graphite bisulphate as an efficient catalyst.

Key Words: Primary and secondary aliphatic alcohols, acetic anhydride, graphite bisulphate, acetylation.
