

Reactions of 1-Nitrocyclohexene with Alicyclic Amines

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Abstract—The interaction of 1-nitrocyclohexene with alicyclic amines can proceed via nucleophilic addition at the carbon–carbon double bond (morpholine, piperazine) to form aza-Michael products or as deprotonation (piperidine, azepane) to give ammonium salts, 2-cyclohexene-1-nitronates. The preferred reaction pathway is determined by the amine basicity.

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