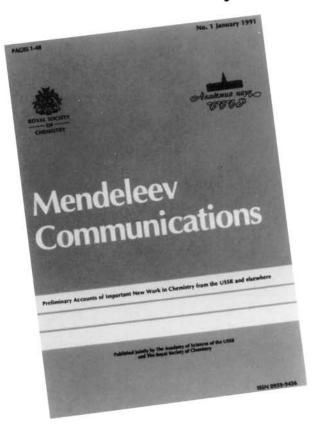
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CH₂NMe₂

Deprotonation by lithium diisopropylamide at low temperature gives the unstable azomethine ylide, which undergoes 1,3-dipolar addition even with unactivated alkenes, to give pyrrolidines: *J.Chem.Soc.*, *Chem.Commun.*, 31 (1983):

Me₃NO

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H2C=N, CH

Me2NC=CH2 CF3COO

MeN \

42%

Compare also N-methylmorpholine-N-oxide, 5957, p.710.

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Coupling of Grignard reagents to give biaryls: *J.Org.Chem.*, **41**, 2252 (1976). Coupling of Grignard reagents with silyl enol ethers of both aldehydes and ketones, to give alkenes. In contrast to dichlorobis(triphenylphosphine)nicke reagent gives the thermodynamically more stable alkene: *Tetrah* (1980):



PhMgBr

Ni(acac)₂

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