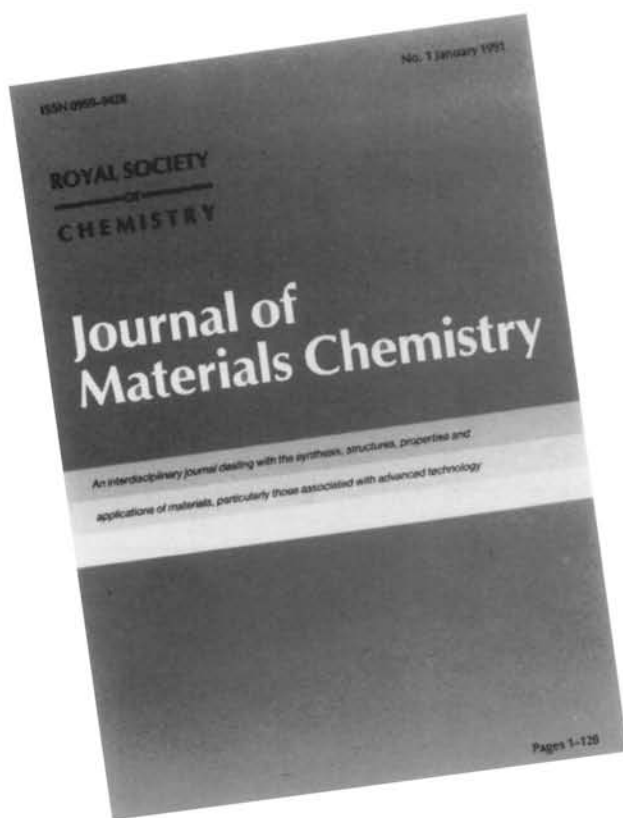


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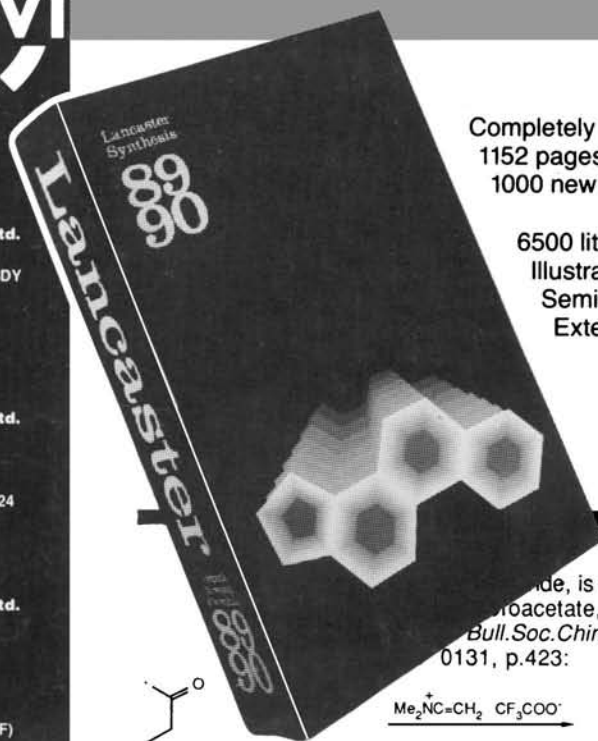
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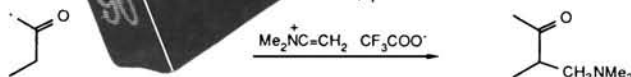
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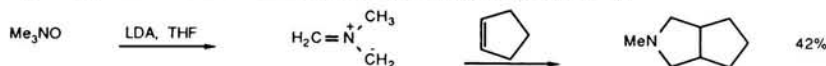
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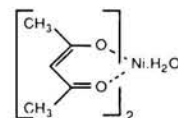


Deprotonation by lithium diisopropylamide at low temperature gives the unstable azomethine ylide, which undergoes 1,3-dipolar addition even with unactivated alkenes, to give pyrrolidines: *J.Chem.Soc., Chem. Commun.*, 31 (1983):



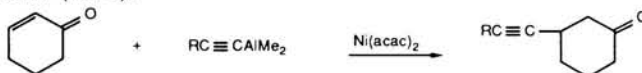
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Coupling of Grignard reagents to give biaryls: *J.Org.Chem.*, 41, 2252 (1976).

Coupling of Grignard reagents with silyl enol ethers of both aldehydes and ketones, to give alkenes. In contrast to dichlorobis(triphenylphosphine)nickel, this reagent gives the thermodynamically more stable alkene: *Tetrahedron*, 36, 295 (1980):



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