

Lancaster Catalogue

89/90



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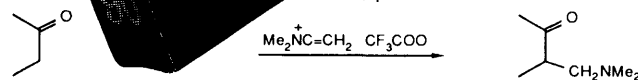
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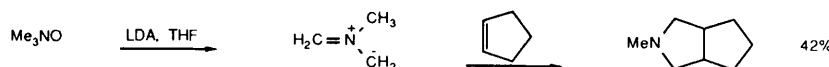


Completely revised
 1152 pages
 1000 new items

6500 literature references to some 2000 items
 Illustrated by 1500 reaction flow-charts
 Semi-bulk and bulk quantity indications
 Extensive cross-referencing

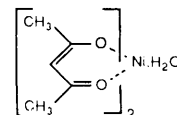


Deprotonation by lithium diisopropylamide at low temperature gives the unstable azomethine ylide, which undergoes 1,3-dipolar addition even with unactivated alkenes, to give pyrrolidines: *J.Chem.Soc., Chem.Comm.*, 31 (1983):



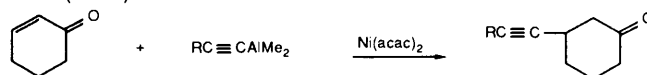
Compare also N-methylmorpholine-N-oxide, 5957, p.710.

Nickel acetylacetonate hydrate
 [Nickel(II)2,4-pentanedionate hydrate]
 F.W. 274.94, m.p. ca 285°(dec), [3264-82-2]
HARMFUL / POSSIBLE CARCINOGEN
 Please ask for bulk prices (5Kg to 100Kg+)



	50g	£ 7.60
	250g	30.40

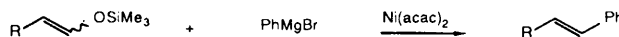
Catalyst for a variety of useful coupling reactions, including:
 Conjugate addition of alkynylaluminium reagents to enones: *J.Am.Chem.Soc.*, 100, 2244 (1978):



Conjugate addition of cis-alkenylzirconium reagents, from the hydrozirconation of alkynes, to Michael acceptors, with retention of configuration: *J.Am.Chem.Soc.*, 102, 1333 (1980).

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 Lett.*, 21, 2295 (1980):



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