

## Journal of Chemical Research, Issue 9, 1990

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- 270 Decyanation of 2-Oxoazetidine-4-carbonitriles as a New Route to (4S)-4-[(R)-1-(Hydroxymethyl)ethyl]azetidin-2-one, an Intermediate for the Synthesis of 1 $\beta$ -Methylcarbapenem Antibiotics **Masashi Shirai and Tarozaemon Nishiwaki**  
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(—)

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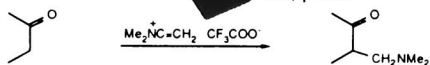
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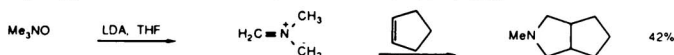


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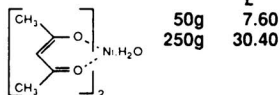


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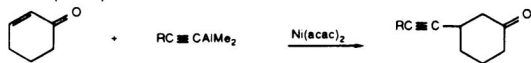
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Coupling of Grignard reagents to give biaryls: *J. Org. Chem.*, 41, 2252 (1976).

Coupling of Grignard reagents with silyl enol ethers of both aldehydes and ketones, to give alkenes. In contrast to dichlorobis(triphenylphosphine)nickel, 0369, p.335, this reagent gives the thermodynamically more stable alkene: *Tetrahedron Lett.*, 3915 (1980):



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