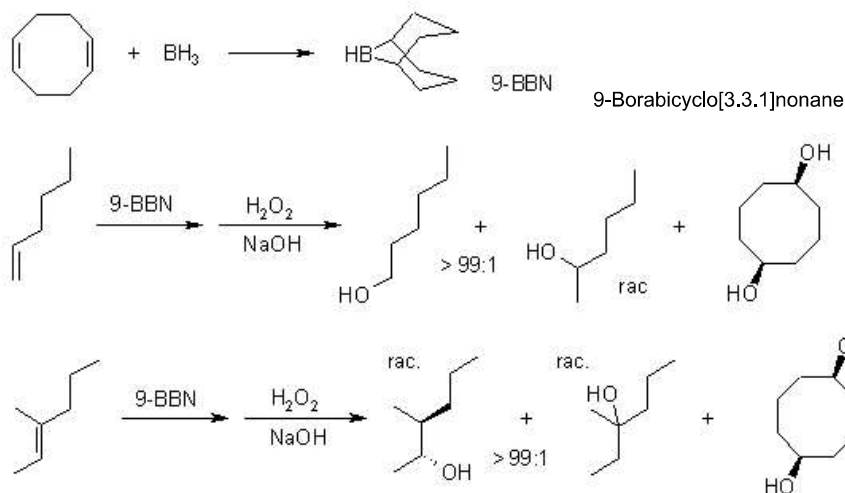
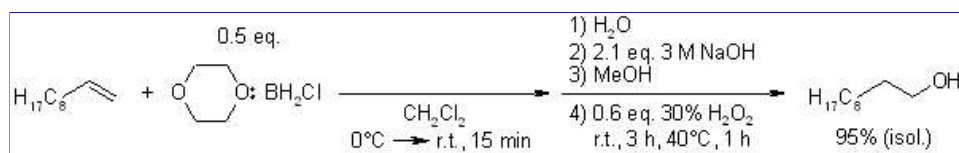


Sterically demanding boranes offer enhanced selectivity. One example of a sterically demanding borane (9-BBN) is generated by the double addition of borane to 1,5-cyclooctadiene:



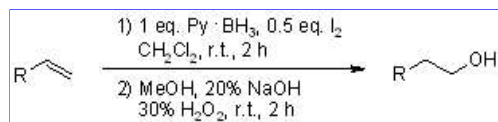
The reactivity and selectivity of the borane reagent may be modified through the use of borane-Lewis base complexes.

Recent Literature



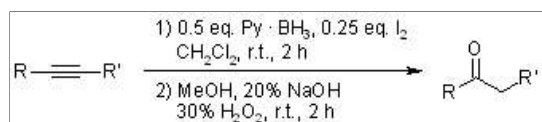
Hydroboration. 97. Synthesis of New Exceptional Chloroborane-Lewis Base Adducts for Hydroboration. Dioxane-Monochloroborane as a Superior Reagent for the Selective Hydroboration of Terminal Alkenes

J. V. B. Kanth, H. C. Brown, *J. Org. Chem.*, **2001**, 66, 5359-5365.



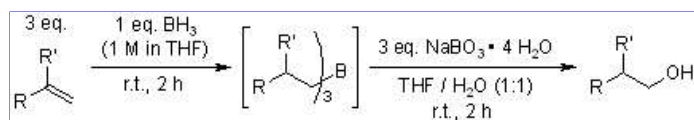
Hydroboration with Pyridine Borane at Room Temperature

J. M. Clay, E. Vedejs, *J. Am. Chem. Soc.*, **2005**, 127, 5766-5767.



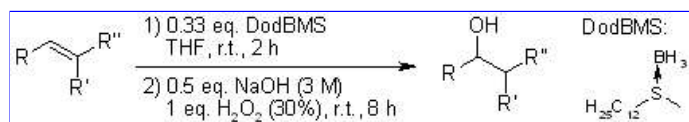
Hydroboration with Pyridine Borane at Room Temperature

J. M. Clay, E. Vedejs, *J. Am. Chem. Soc.*, **2005**, 127, 5766-5767.



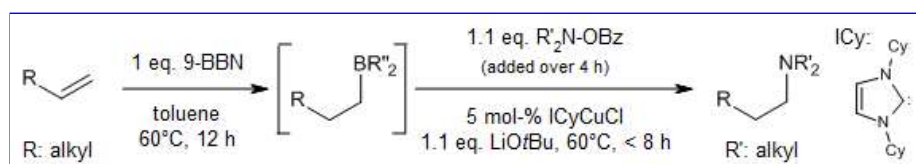
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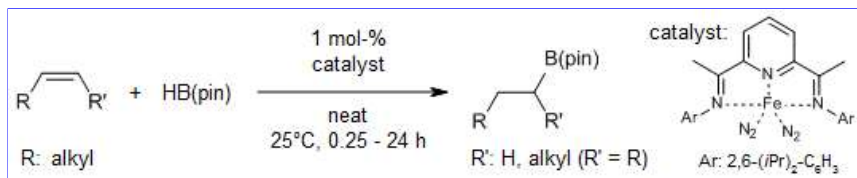
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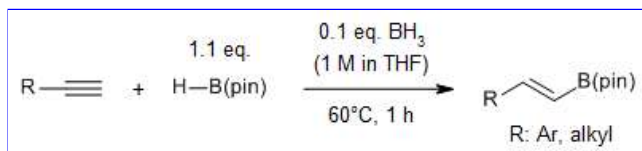
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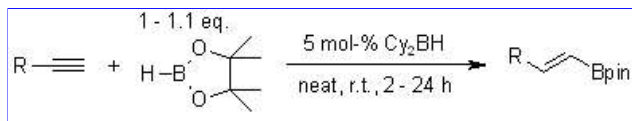
Highly Selective Bis(imino)pyridine Iron-Catalyzed Alkene Hydroboration

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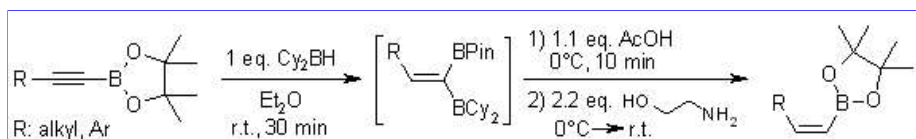
Borane-Catalysed Hydroboration of Alkynes and Alkenes

N. W. J. Ang, C. S. Buettner, S. Docherty, A. Bismuto, J. R. Carney, J. H. Docherty, M. J. Cowley, S. P. Thomas, *Synthesis*, **2018**, 50, 803-808.



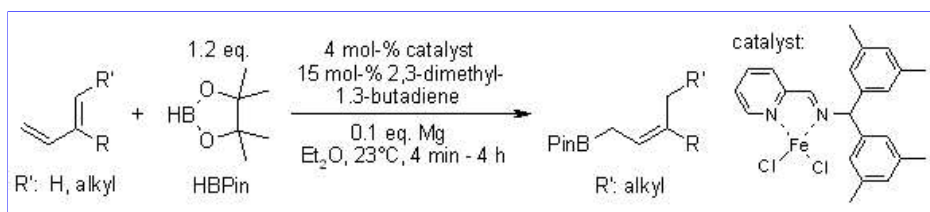
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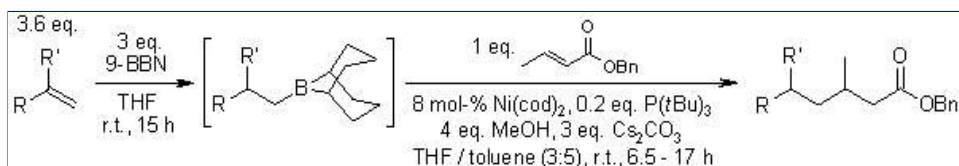
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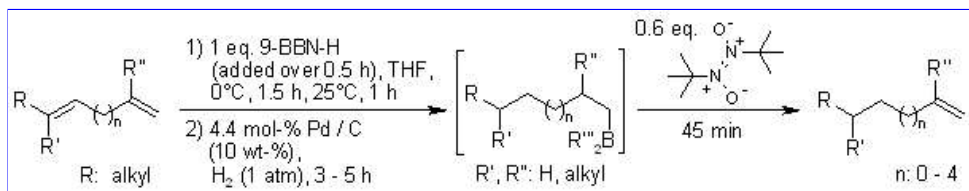
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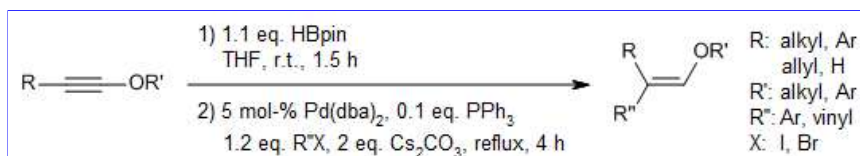
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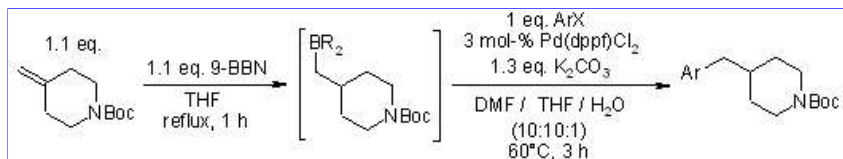
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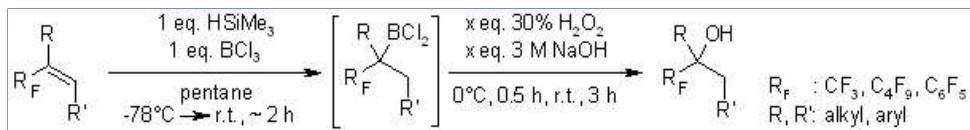
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