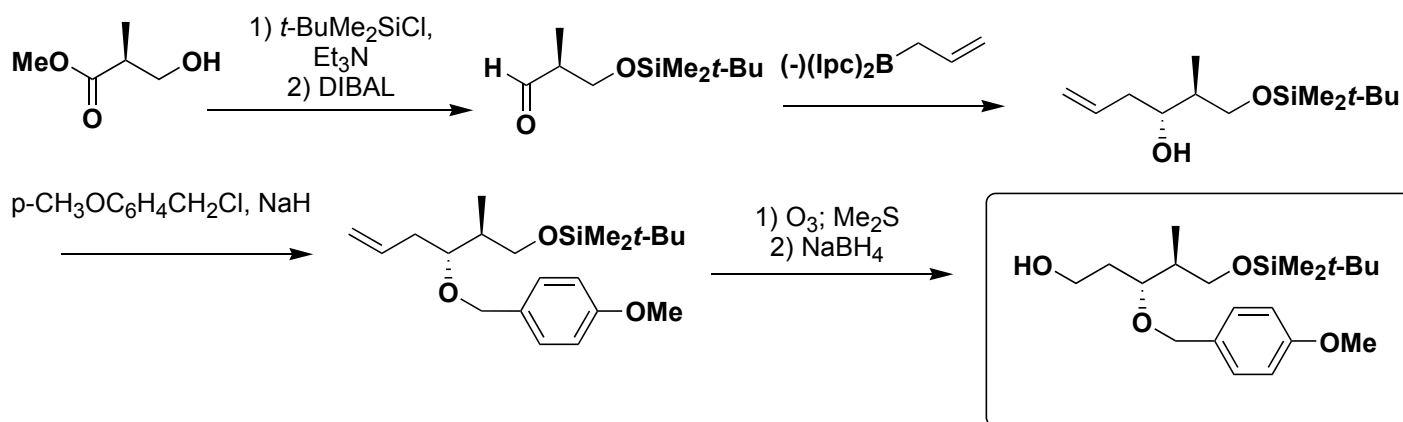


# Massachusetts Institute of Technology Organic Chemistry 5.512

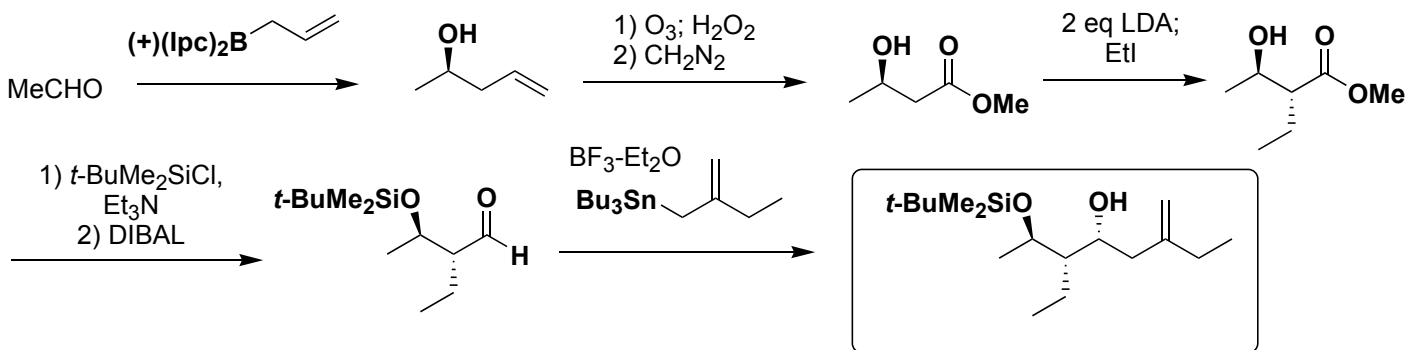
April 22, 2005  
Wesley Austin

## Problem Set 5 Solutions Stereocontrolled Addition to Carbonyl Compounds

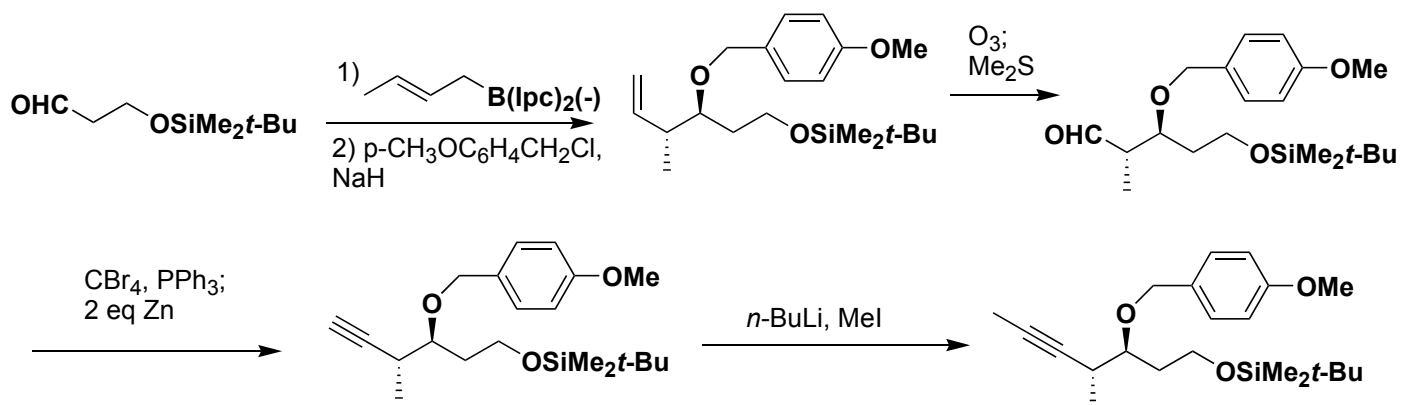
(1) See also K. Buzek. *J. Am. Chem. Soc.* **1994**, 116, 5511.



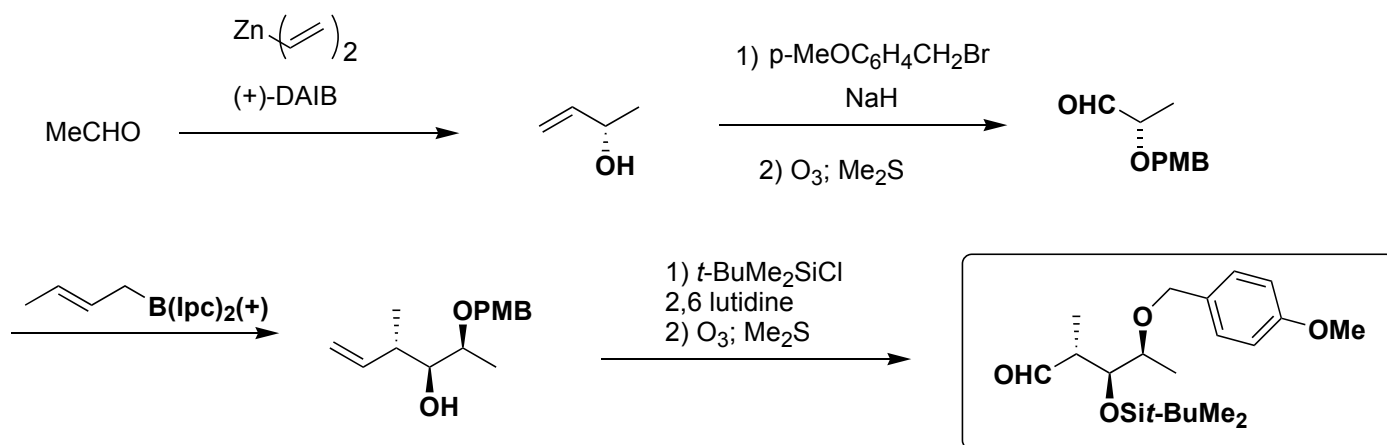
(2) See also D. A. Evans. *J. Org. Chem.* **1997**, 62, 454.



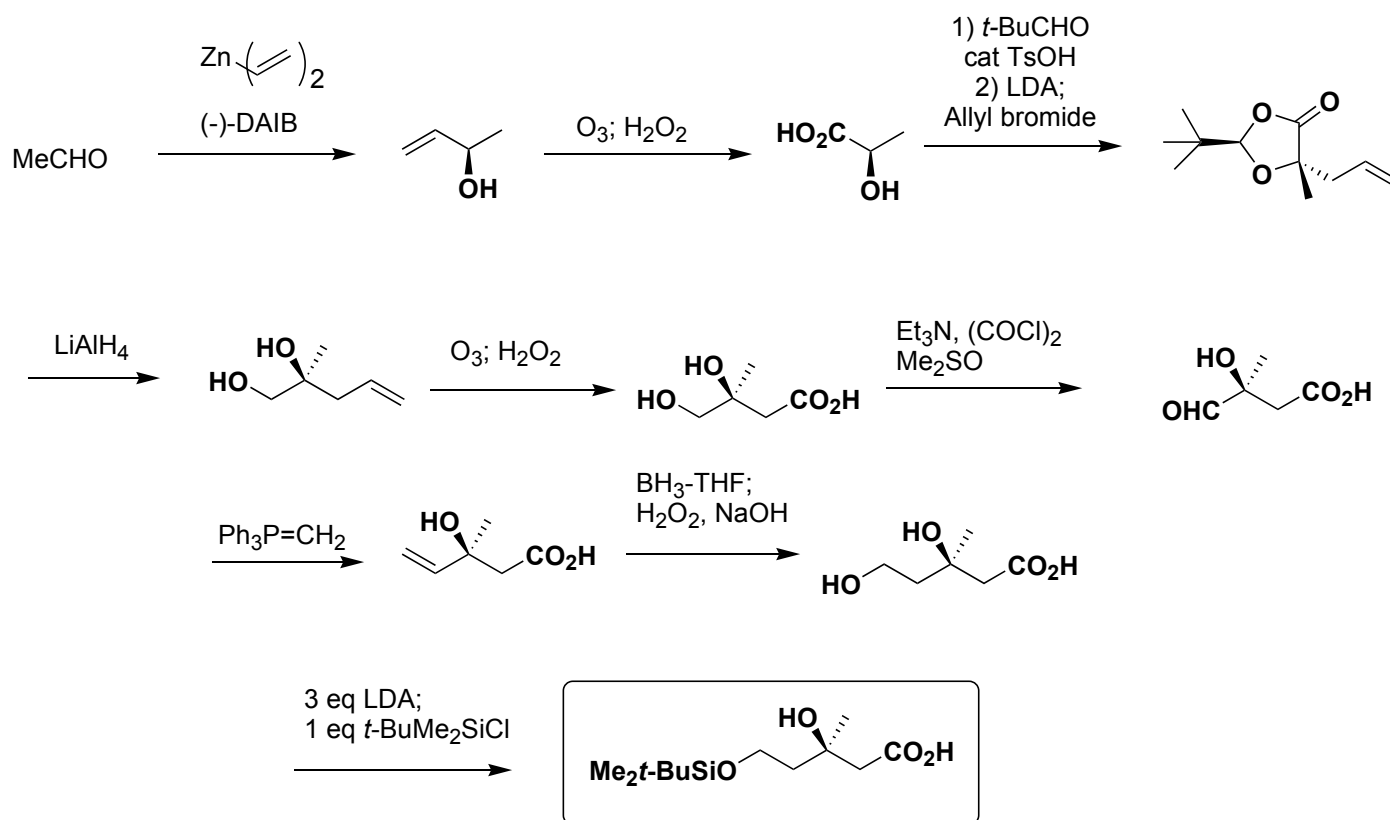
(3) See also K. C. Nicolaou. *J. Am. Chem. Soc.* **1993**, 115, 4419.



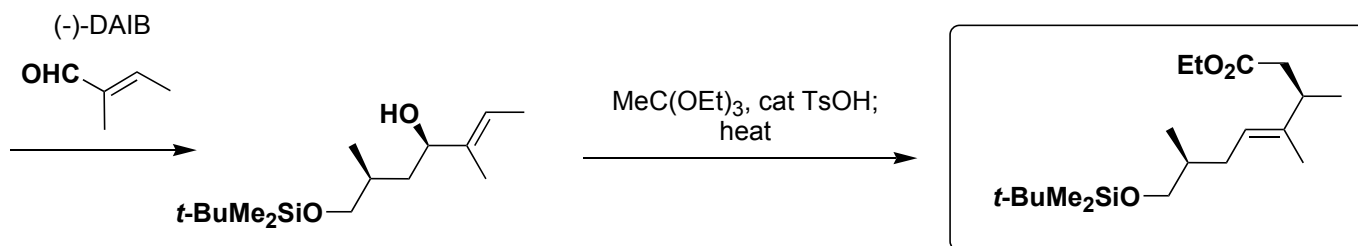
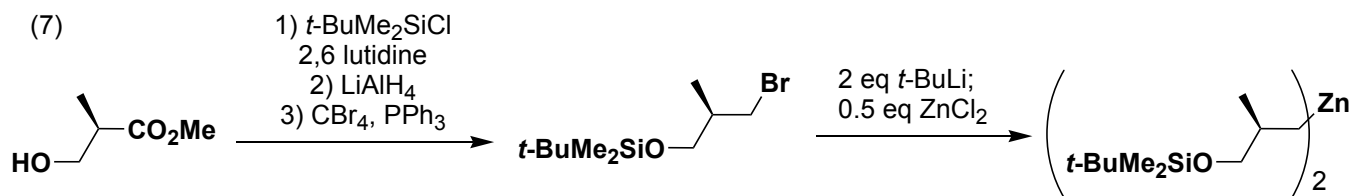
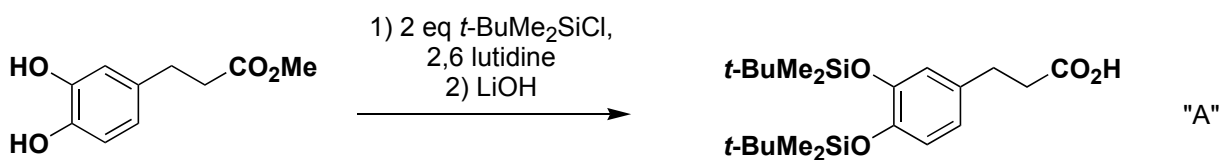
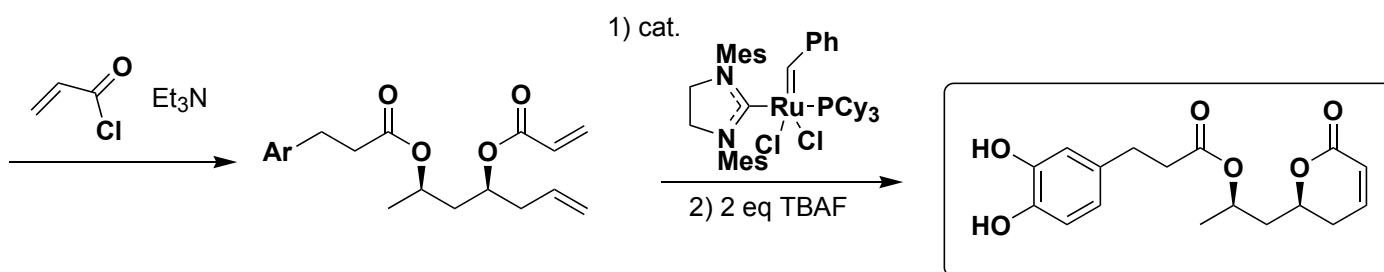
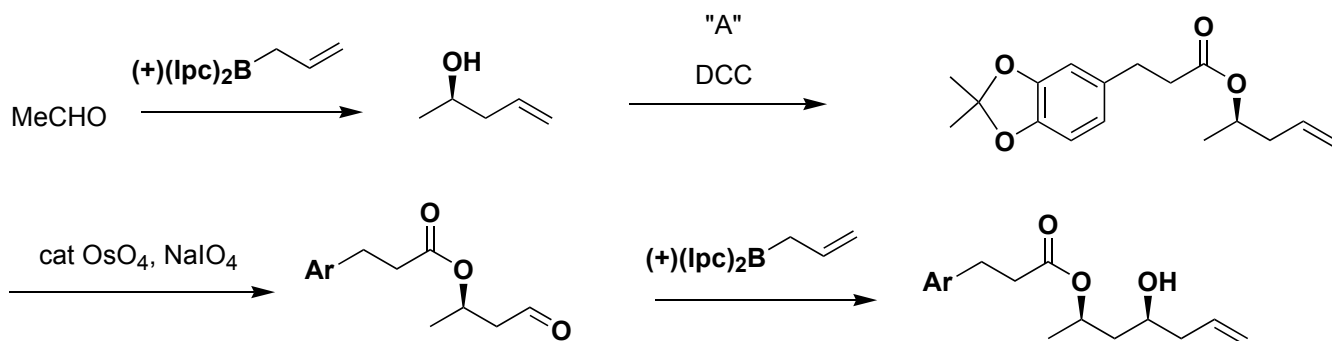
(4) See also Z. Jin. *Org. Lett.* **2001**, 3, 1447.

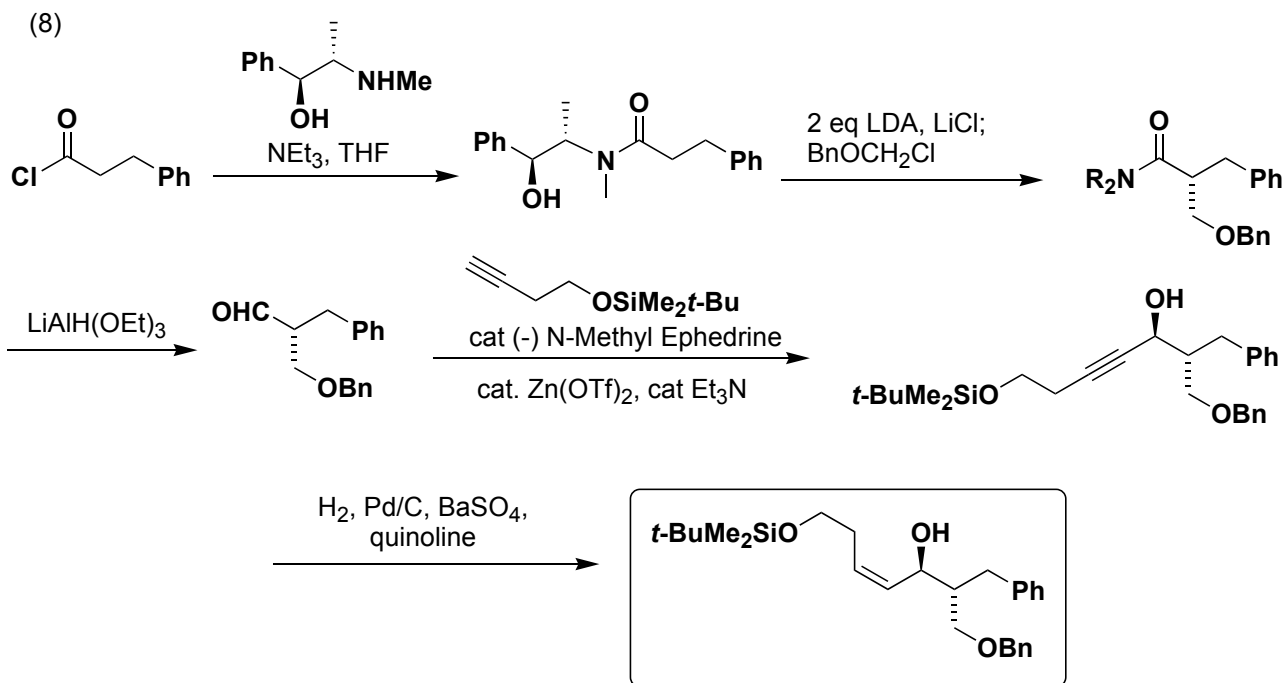


(5) See also K. Krohn. *Liebigs Ann. Chem.* **1994**, 167.

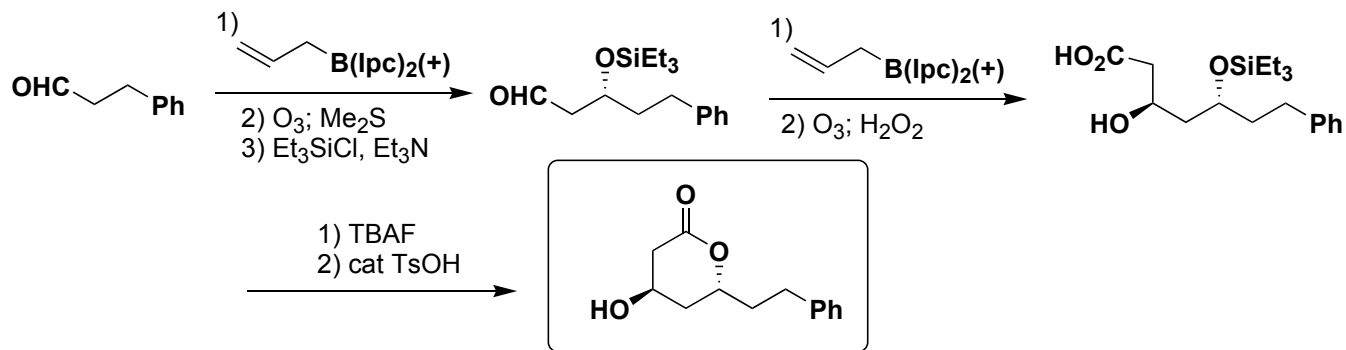


(6) See also P. V. Ramachandran *J. Org. Chem.* **2001**, *66*, 2512.





(9) See also J. Cossy. *Tetrahedron Lett.* **2000**, 41, 3363.



(10) See also Y. Kishi. *Angew. Chem. Int. Ed.* **1998**, 37, 190.

