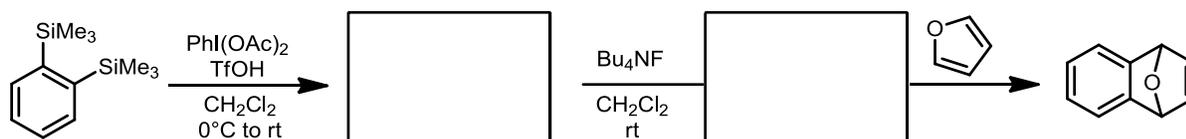
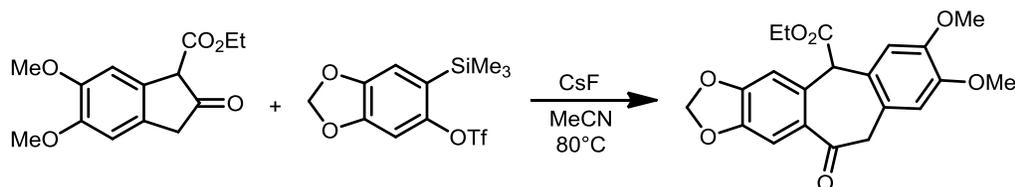


Provide plausible mechanisms for each chemical transformation, and identify the missing structures.

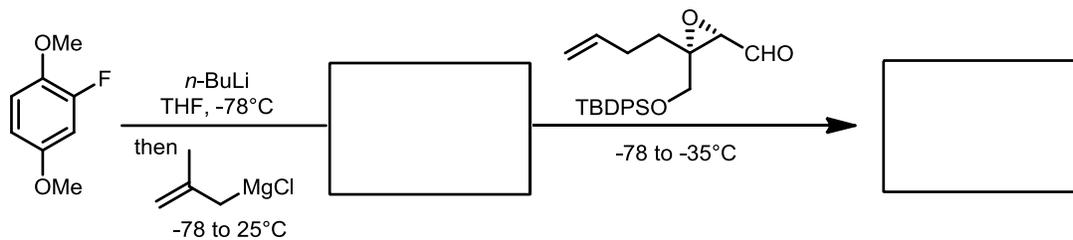
1. T. Kitamura, *Synlett*, 1999, 73; *TL*, 2006, 47, 1709.



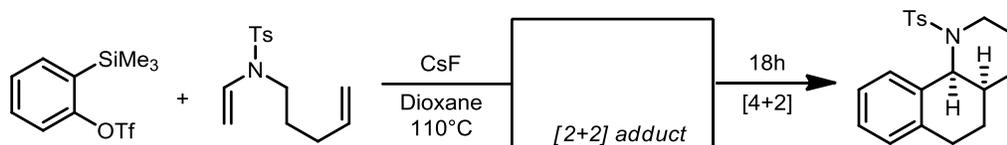
2. B. M. Stoltz, *JACS*, 2005, 127, 5340.



3. A. G. M. Barrett, *JACS*, 2006, 128, 14042.



4. R. P. Hsung, *OL*, 2009, 11, 3666.



5. N. Garg, *Org. Lett.* 2009, 11, 2349

