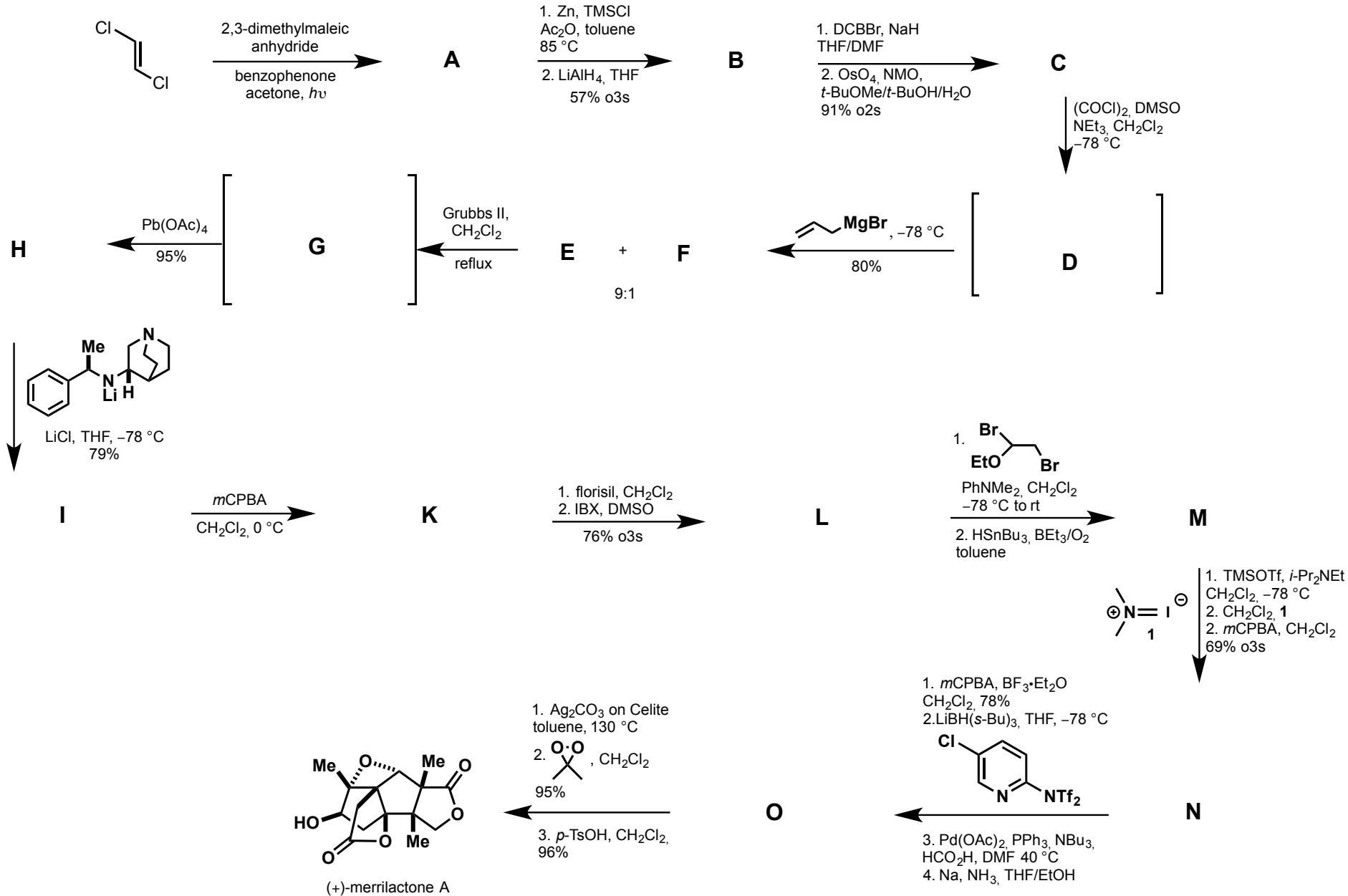
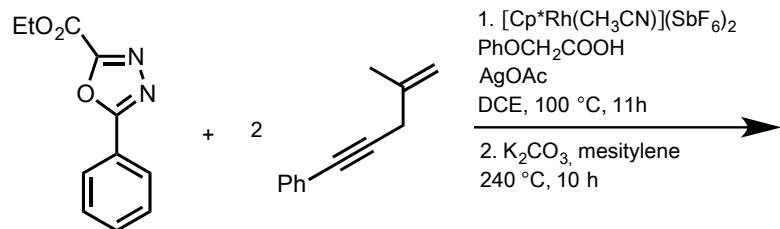


Total synthesis of (+)-Merrilactone A
J. Org. Chem. **2007**, *72*, 3065.

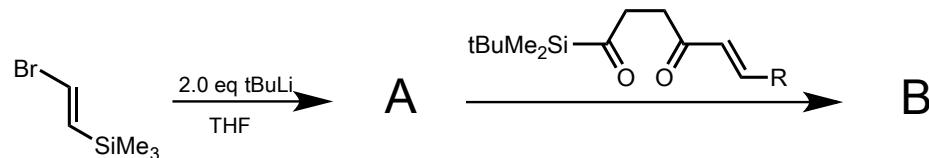


Draw a detailed mechanism:

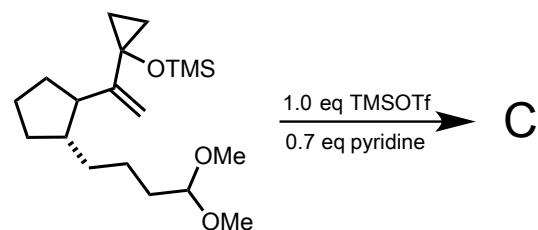


Lin H.; Dong L. Org. Lett. 2016, 18, 5524.

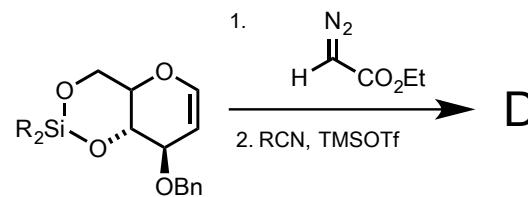
Name the following reactions an draw the detailed mechanism:



Org. Lett. 2003, 5, 3705.



J. Am. Chem. Soc. 1988, 110, 6556.



Org. Lett. 2003, 5, 5099.