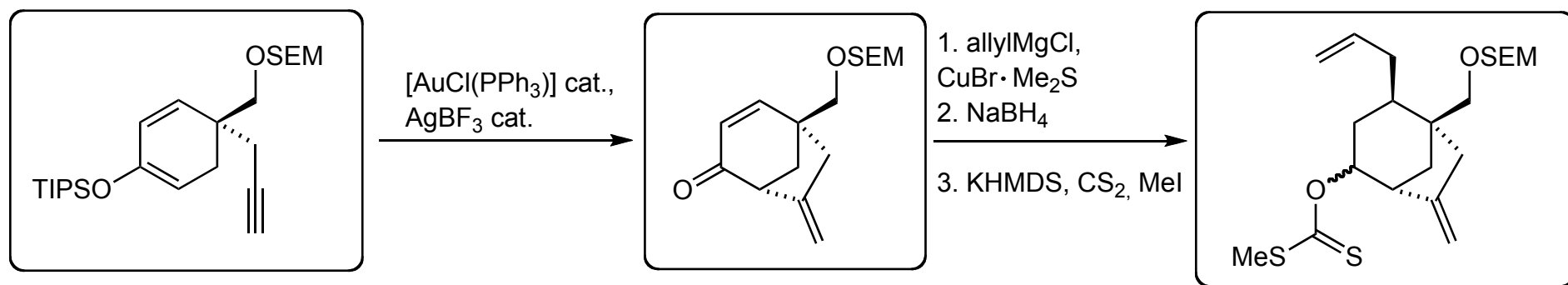
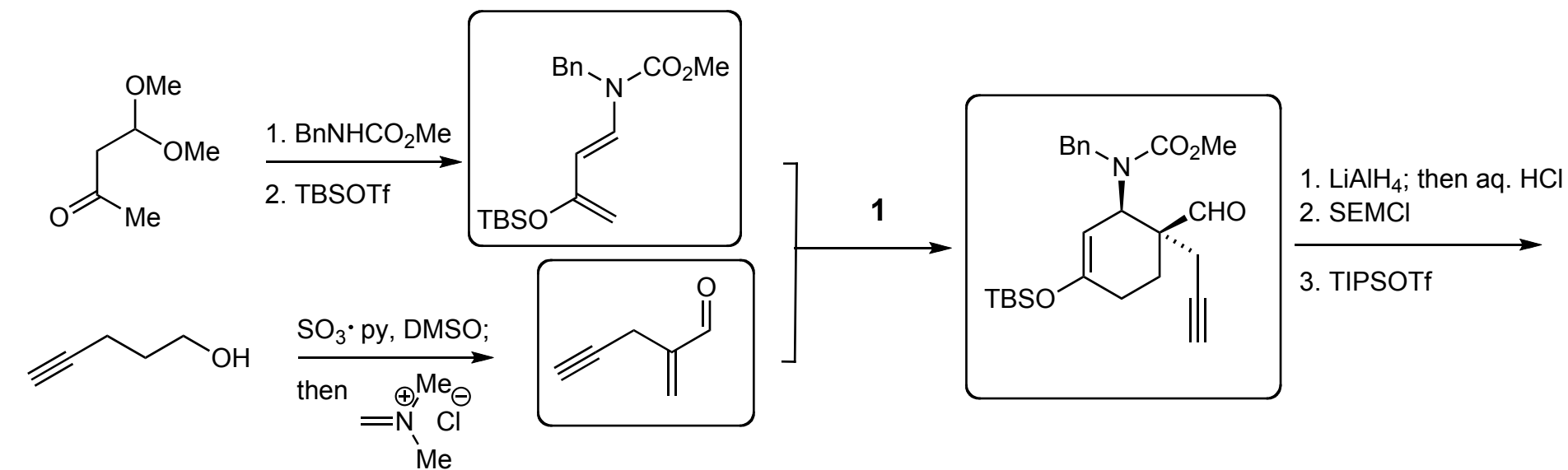
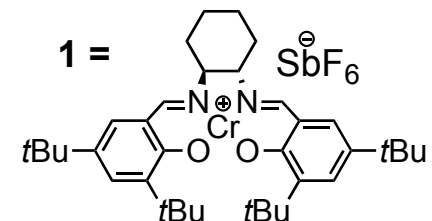


# Total Synthesis of Platencin

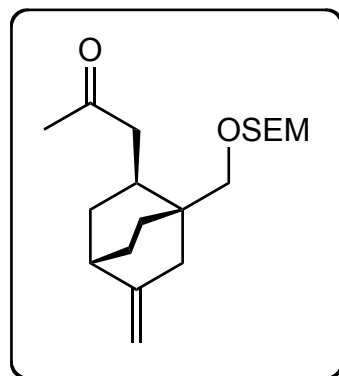
K. C. Nicolaou, G. S. Tria, D. J. Edmonds, *Angew. Chem. Int. Ed.* **2008**, *47*, 1780-1783



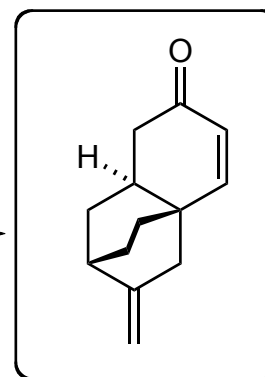
TASF = tris(dimethylamino)sulfonium difluorotrimethylsilicate



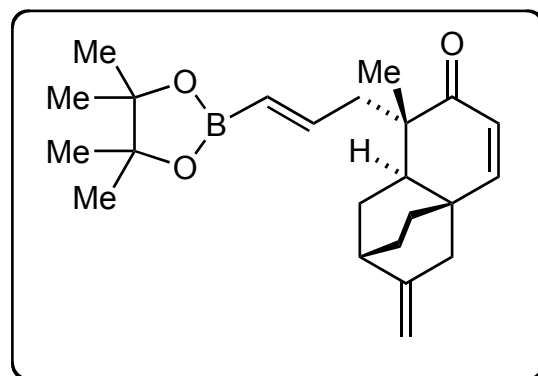
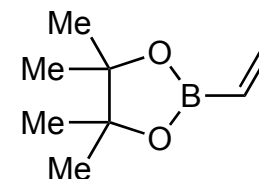
1.  $n\text{Bu}_3\text{SnH}$ , AIBN  
2.  $\text{PdCl}_2$  cat.,  $\text{CuCl}$ ,  $\text{O}_2$



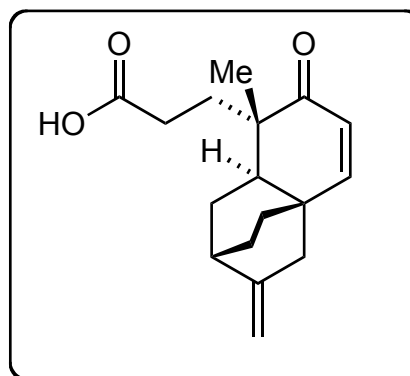
1. TASF  
2. TPAP  
3.  $\text{NaOH}$



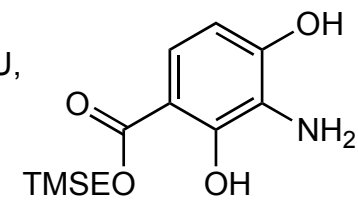
1.  $\text{KHMDS}$ ,  $\text{MeI}$   
2.  $\text{KHMDS}$ ,  $\text{CH}_2=\text{CHCH}_2\text{I}$   
3. Hoveyda-Grubbs II cat.



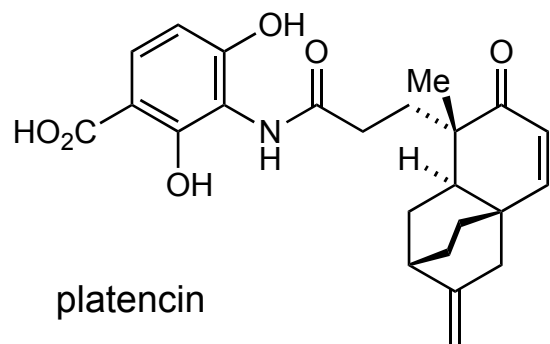
1.  $\text{Me}_3\text{NO}$   
2.  $\text{NaClO}_2$



1. HATU,



2. TASF



platencin