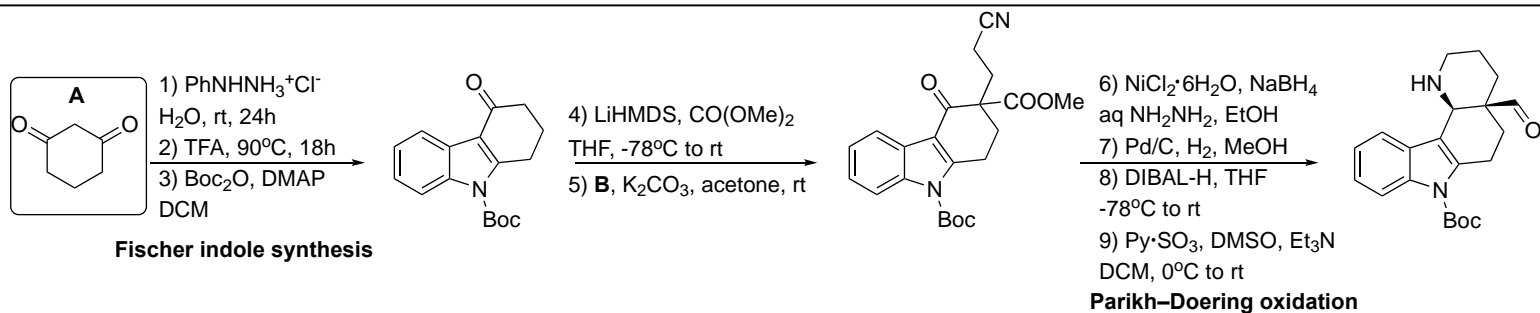
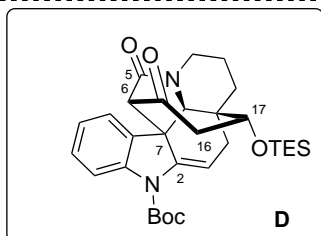
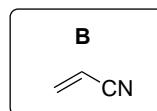
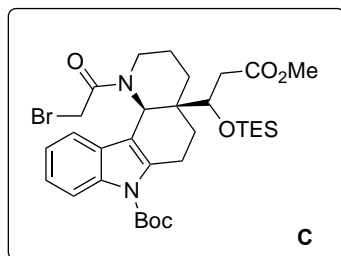


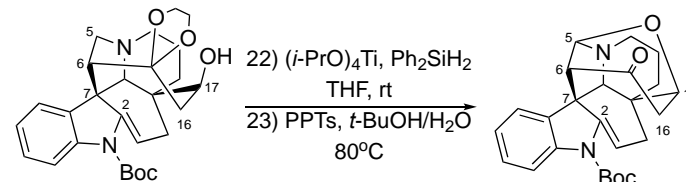
# E143: Total Synthesis of Kopsinitarine E



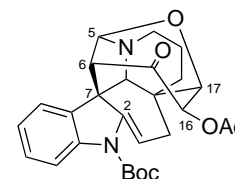
10)  $\text{CH}_3\text{CO}_2\text{Me}$ , LiHMDS  
 $\text{THF}$ ,  $-78^\circ\text{C}$   
 then TESCl,  $\text{Et}_3\text{N}$ ,  $0^\circ\text{C}$   
 11)  $\text{BrCH}_2\text{COCl}$ , DCM  
 aq.  $\text{Na}_2\text{CO}_3$ ,  $0^\circ\text{C}$



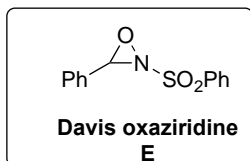
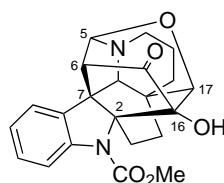
18)  $(\text{TMSOCH}_2)_2$ , TMSOTf  
 DCM,  $-30^\circ\text{C}$   
 19) TBAF, THF,  $0^\circ\text{C}$   
 20) DMP,  $\text{NaHCO}_3$   
 DCM, rt  
 21) L-selectride, THF  
 $-25^\circ\text{C}$



24) KHMDS, THF, **E**  
 $-78^\circ\text{C}$  to  $0^\circ\text{C}$   
 25)  $\text{Ac}_2\text{O}$ , DMAP, DCM  
 $0^\circ\text{C}$



26) TFA, EtOAc,  $80^\circ\text{C}$   
 27) Thiophosgene, Py  
 MeOH, DCM



# E143: Total Synthesis of Kopsinitarine E

