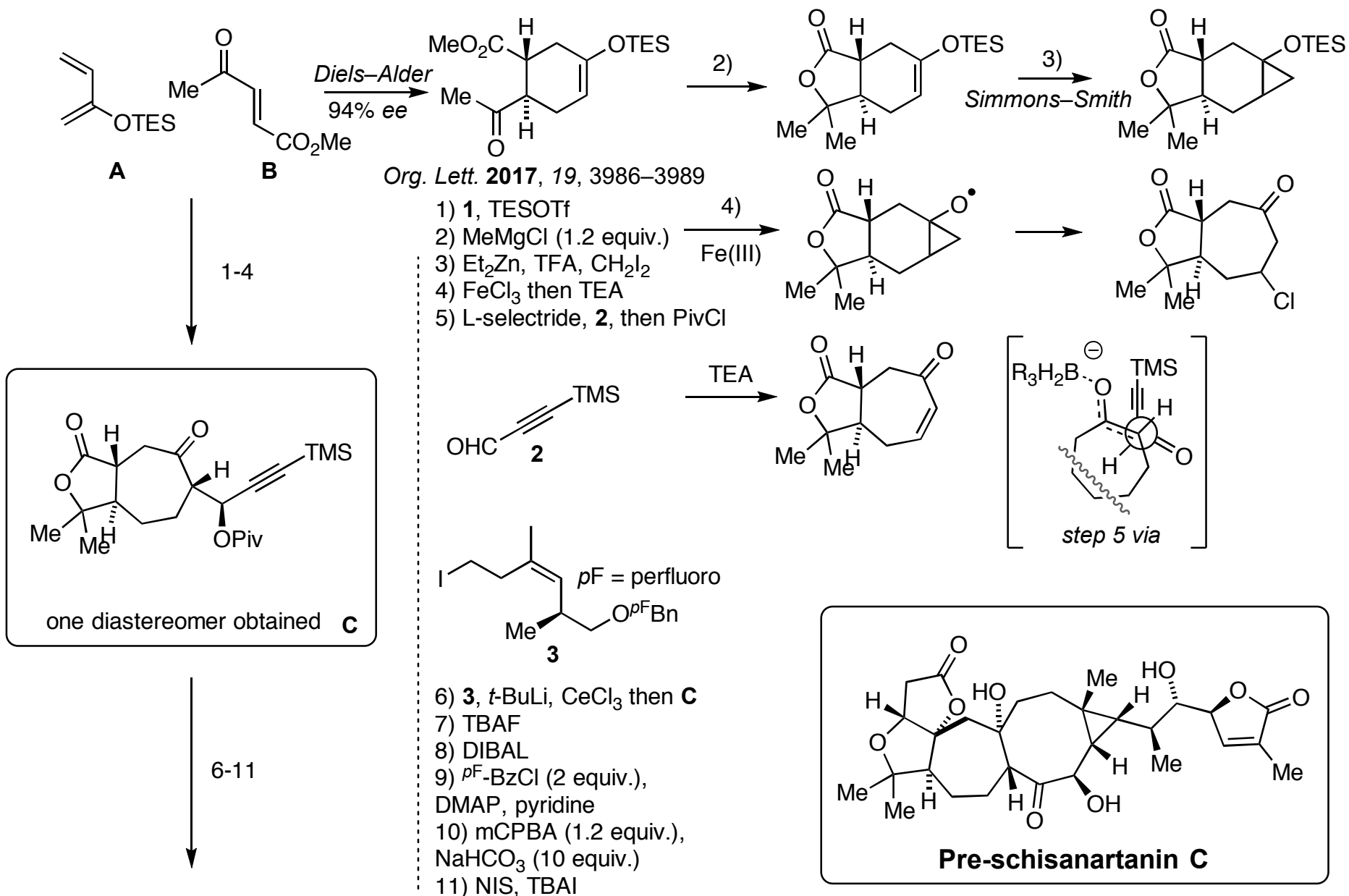
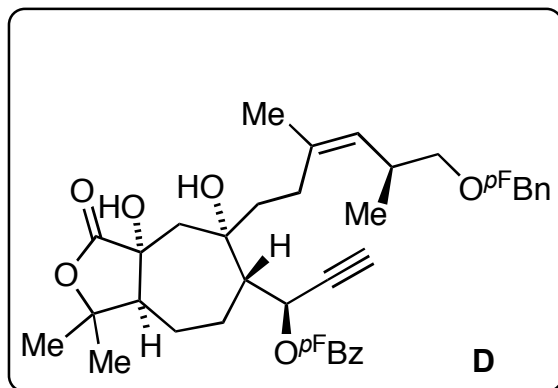


# Asymmetric Total Synthesis of Pre-schisanartanin C

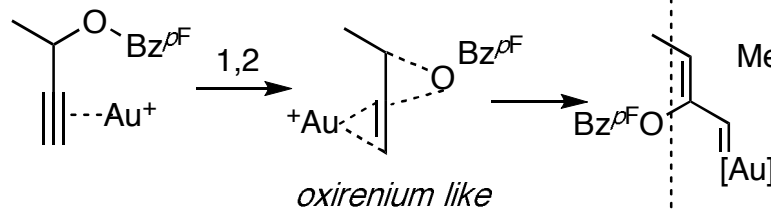
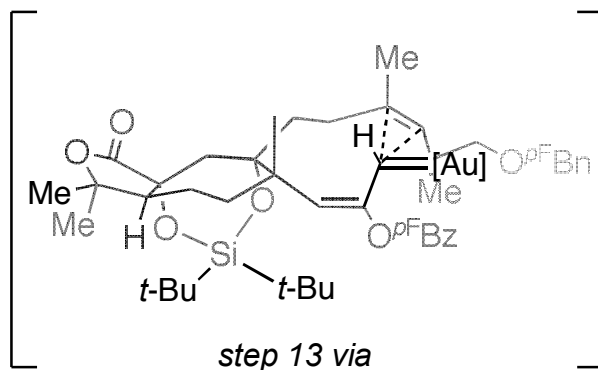
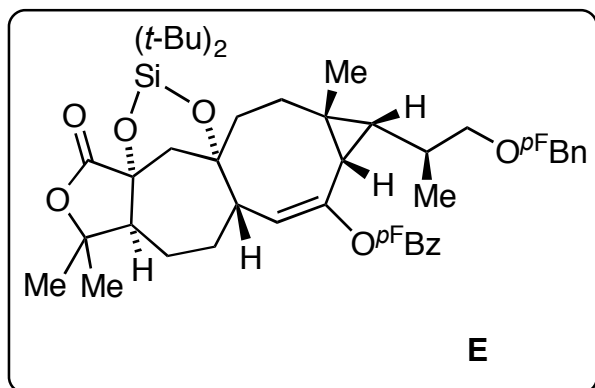
Jiang, Y.-L.; Yu, H.-X.; Li, Y.; Q, P.; Han, Y.-X.; Chen, J.-H.\*; Yang, Z.\*

*J. Am. Chem. Soc.* **2020**, *142*, 573–580



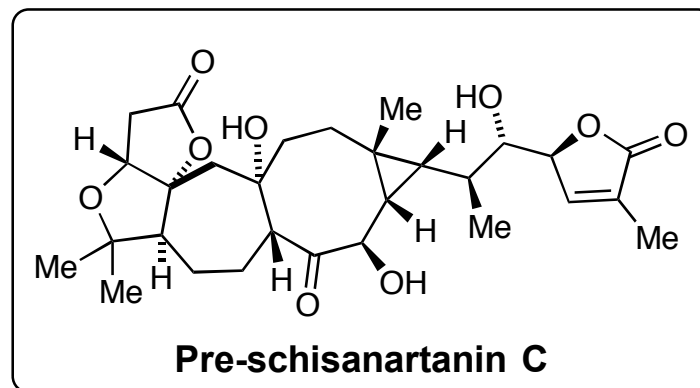
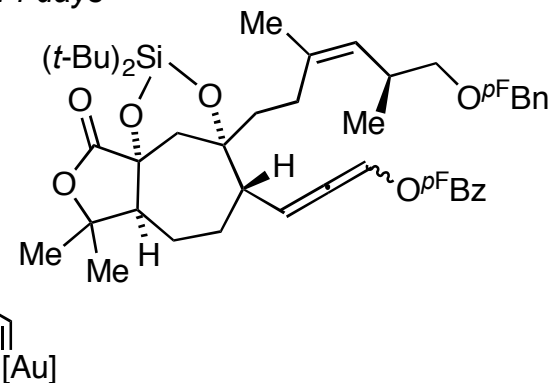


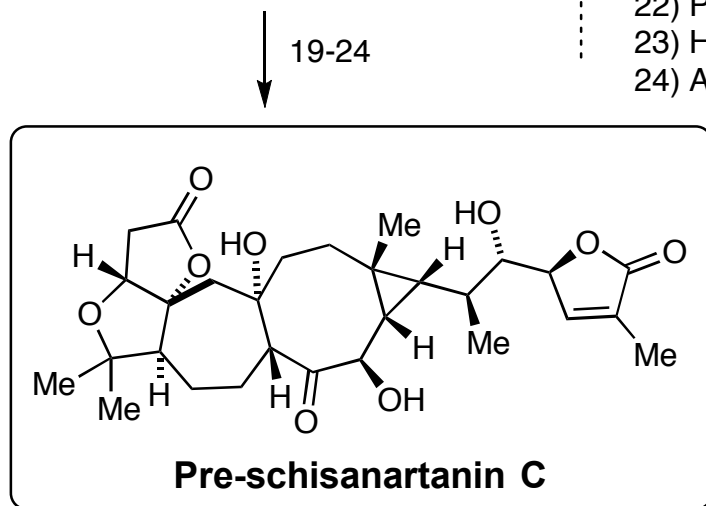
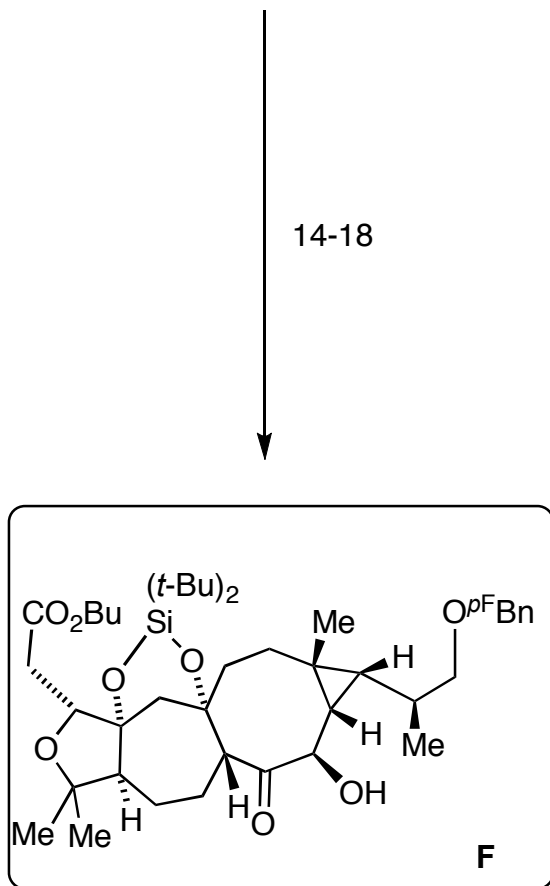
12, 13



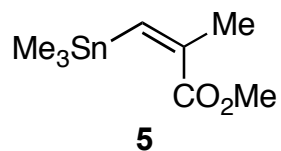
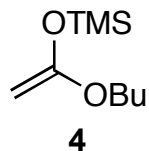
12)  $t\text{-Bu}_2\text{Si}(\text{OTf})_2$ , lutidine  
13) AuCl, DCE, rt, 7 days

this sideproduct (35% yield)  
from step 13) can be converted  
to the desired product by  
treatment with AuCl for another  
14 days





- 14) MeLi then MeOTf  
 15) DIBAL then Ac<sub>2</sub>O  
 16) TMSOTf, **4**  
 17) OsO<sub>4</sub> then NaHSO<sub>3</sub>  
 18) Al(Ot-Bu)<sub>3</sub>



- 19) Raney-Nickel  
 20) TEMPO, PIDA  
 21) CHI<sub>3</sub>, CrCl<sub>2</sub>  
 22) Pd(PPh<sub>3</sub>)<sub>4</sub>, CuTC, **5**  
 23) HF, py, then DBU  
 24) AD mix-α

