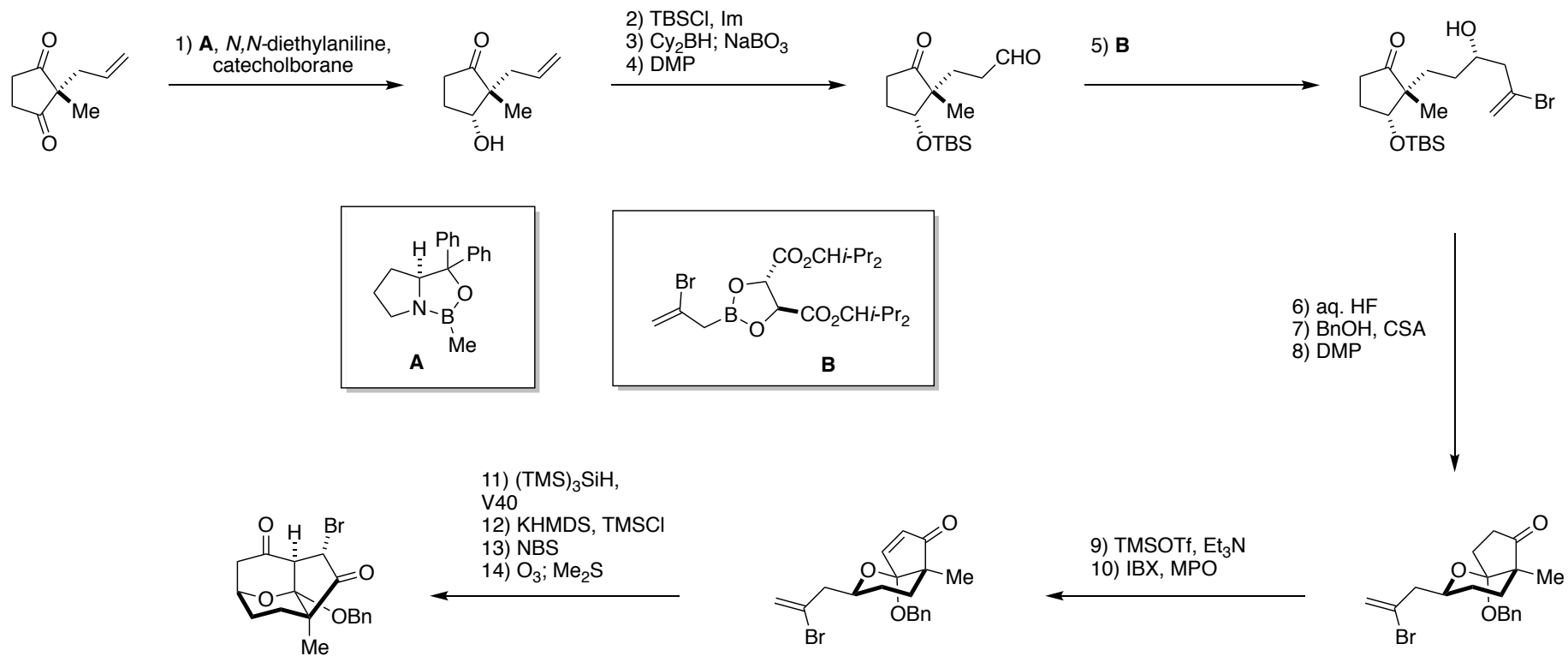
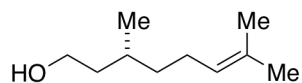
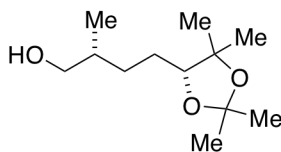


E89: Aplysiasecosterol A

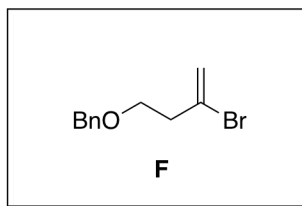
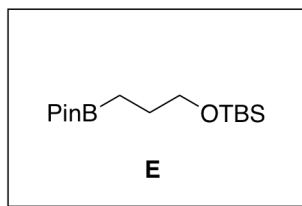
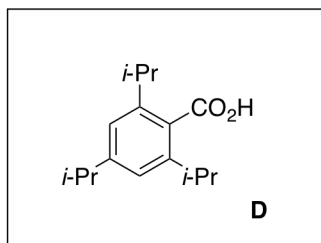
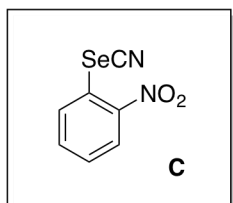
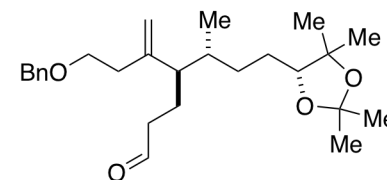




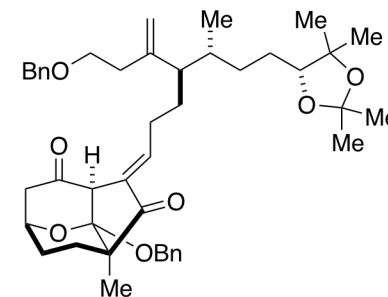
15) AD-mix- β ,
MsNH₂
16) Acetone, TsOH
17) **C**, Bu₃P;
m-CPBA, Et₃N
18) O₃, NaBH₄



19) **D**, PPh₃, DIAD
20) (+)-sparteine,
s-BuLi; **E**
21) **F**, *t*-BuLi;
NaOMe, I₂
22) TBAF, AcOH
23) DMP



24) **Fragment 1**,
Et₃B, air, Bu₃SnH
25) Burgess reagent



26) Fe(dpm)₃,
Ph(*i*-PrO)SiH₂,
60 °C
27) aq. HClO₄
28) Pd(OH)₂/C,
H₂

