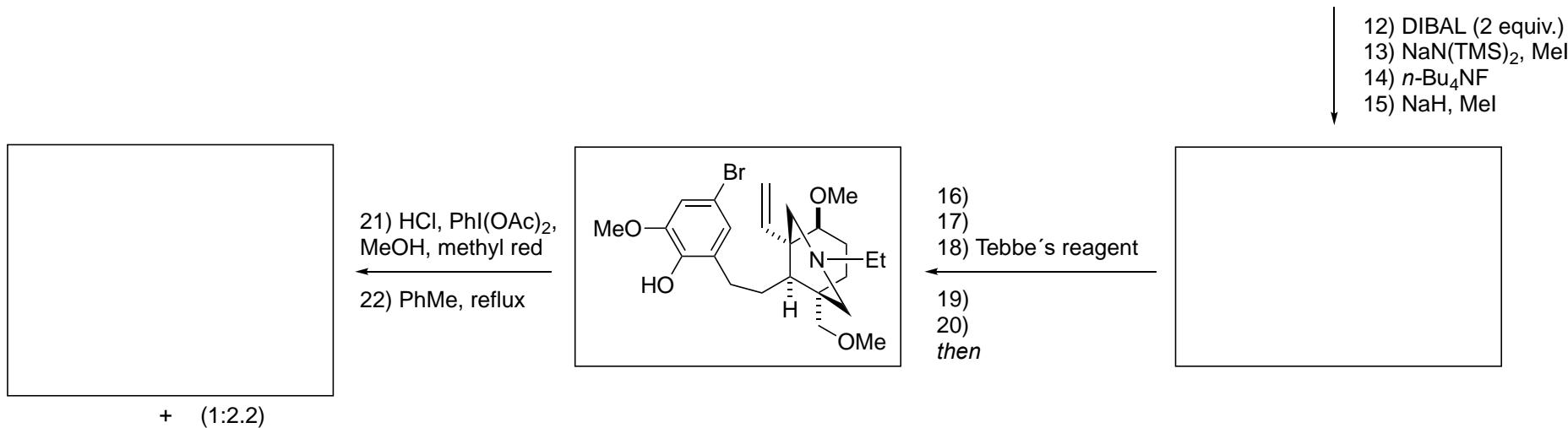


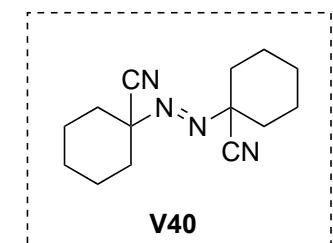
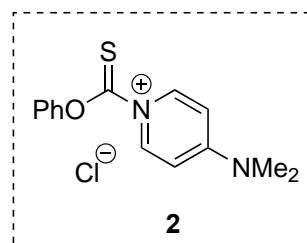
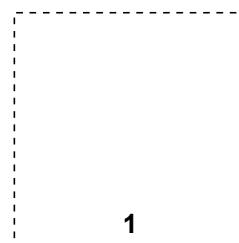
- 8) 1, EtMgBr
- 9) 2, NaH
- 10) V-40, *n*-Bu₃SnH
- 11) H₂, Pd/C



- 21) HCl, PhI(OAc)₂, MeOH, methyl red
- 22) PhMe, reflux

- 16)
- 17)
- 18) Tebbe's reagent
- 19)
- 20) then

+ (1:2.2)



Tebbe's reag.

