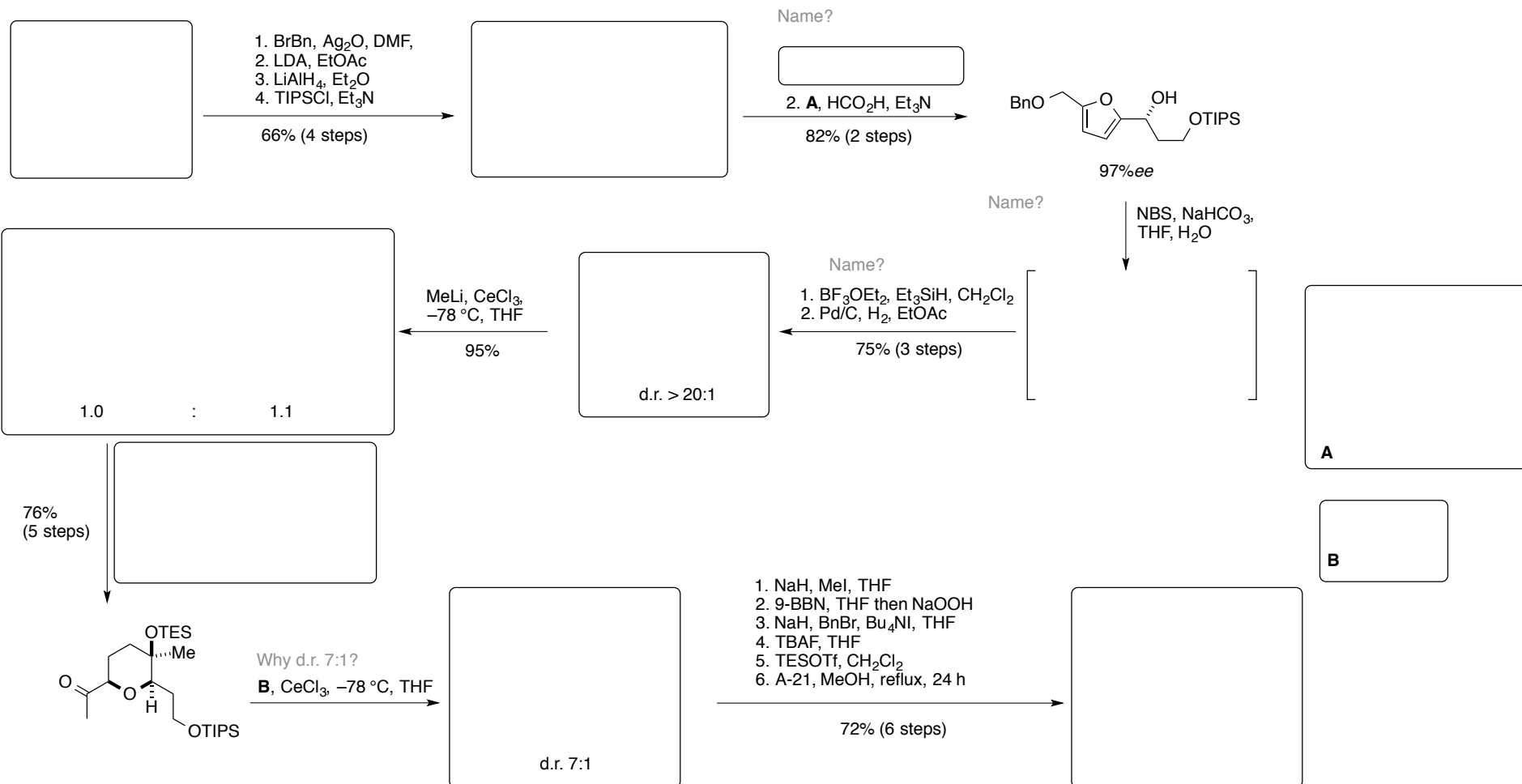
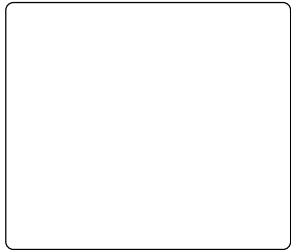


E18: Synthesis of (+)-Uprolide G Acetate ^[1,2] (proposed structure 2000)



[1] L. Zhu, Y. Liu, R. Ma, R. Tong, *ACIE* **2015**, *54*, 627-632.

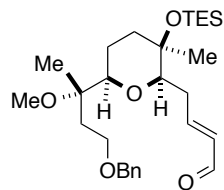
[2] L. Zhu, R. Tong, *Synlett* **2015**, *26*, 1643-1648.



Name?

1. DMP, NaHCO₃, CH₂Cl₂
2. NaH, **C**, THF
3. DIBAL-H, CH₂Cl₂
4. DMP, NaHCO₃, CH₂Cl₂

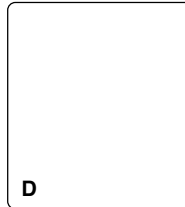
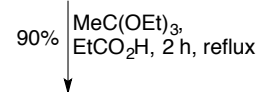
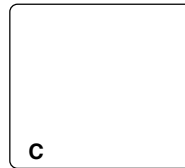
81% (4 steps)



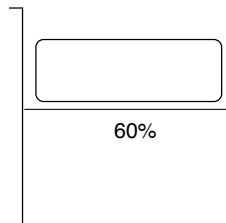
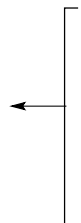
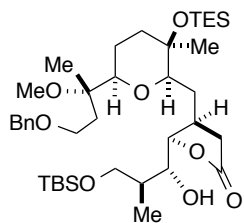
Name?

1. (c-hex)₂BOTf, Et₃N, **D**, CH₂Cl₂
2. LiAlH₄, THF
3. TBSCl, Et₃N, CH₂Cl₂

56% (3 steps)



Name?



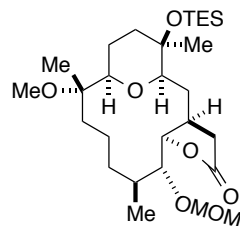
Name?



51%
(7 steps)



1. **E**, CH₂Cl₂, reflux, 12 h
 2. Pd/C, H₂, EtOAc
- 75% (2 steps)



1. LDA, CH₂O (g), THF then MsCl; DBU
2. TFA, CH₂Cl₂
3. Ac₂O, pyridine

30% (3 steps)

