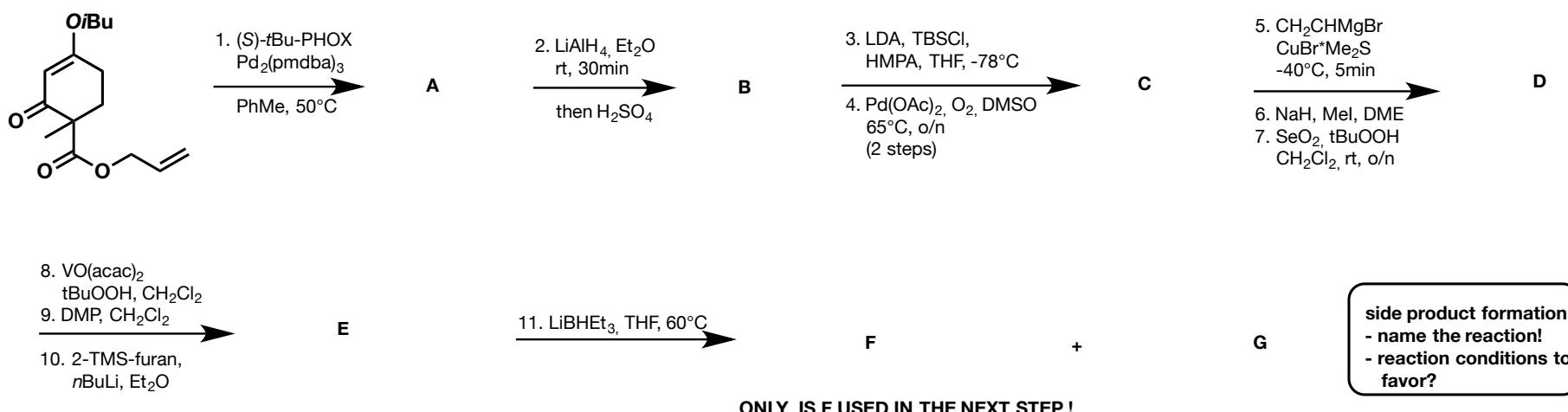


Total Synthesis of (-) Pallavicinin and (+) Neopallavicinin

B. Huang, L. Guo, Y. Jia *Angew. Chem. Int. Ed.* **2015**, 54, 13599 - 13602.



8. VO(acac)₂, tBuOOH, CH₂Cl₂
9. DMP, CH₂Cl₂
10. 2-TMS-furan, nBuLi, Et₂O

12. DMP, CH₂Cl₂
13. MeMgBr, THF, -40°C
14. mCPBA

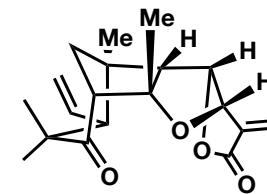
15. DBU, CH₂Cl₂

H

+

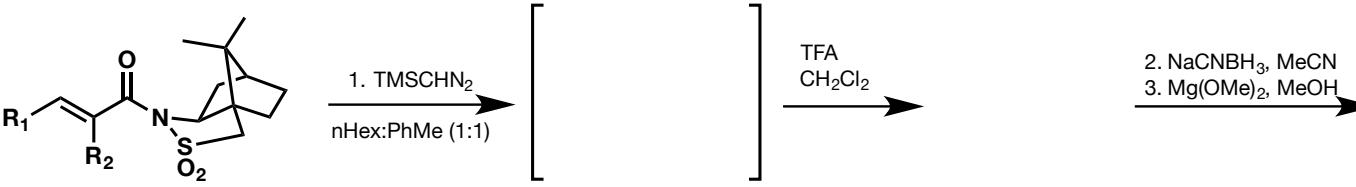
I

16. LDA, CH₃CHO
17. MsCl, Et₃N, DMAP, CH₂Cl₂

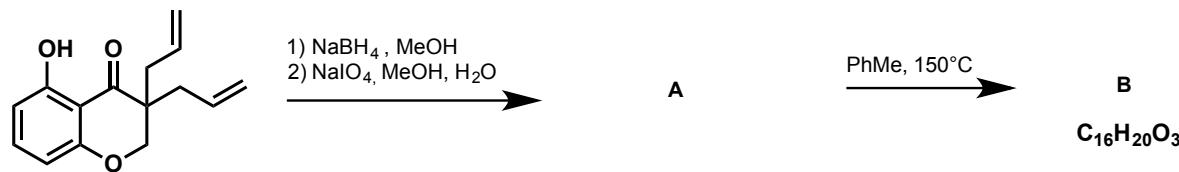


J

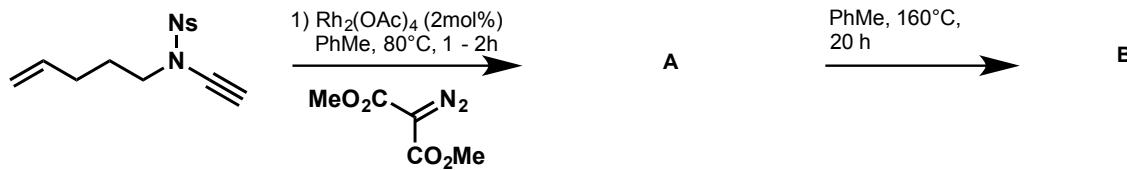
????



2)



3)



propose two reasonable
mechanism!