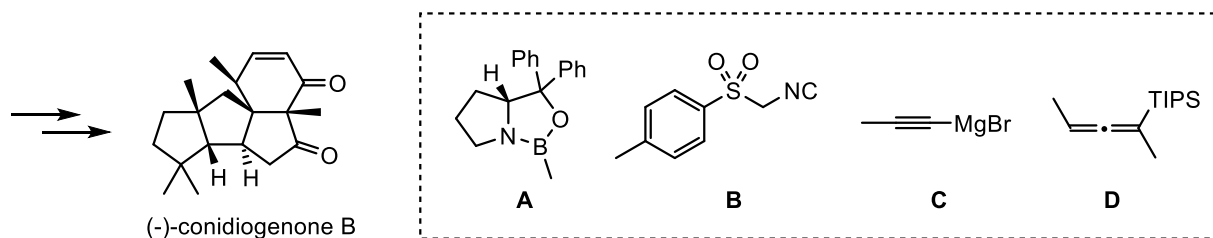


6. Grignard reagent **C**, THF, 0 °C, 76%
 7. Pb(OAc)₄, CH₂Cl₂, rt; CeCl₃·7H₂O, NaBH₄, MeOH, 0 °C, 80%

8. *n*-Bu₃P, *o*-NO₂C₆H₄SeCN, THF, 0 °C to rt, then H₂O₂, NaHCO₃, 0 °C to rt, 82%
 9. Co₂(CO)₈, CH₂Cl₂, 0 °C to rt, then TFA, BH₃·SMe₂, 0 °C, then NaHCO₃, NMO, rt, 71%
 10. allene **D**, TiCl₄, -78 °C to rt, then BF₃·(HOAc)₂, rt, 89%, d.r. > 4:1



H. Zhai *et al.*, *Angew. Chem. Int. Ed.* **2020**, Just Accepted.
 DOI: 10.1002/anie.202007247