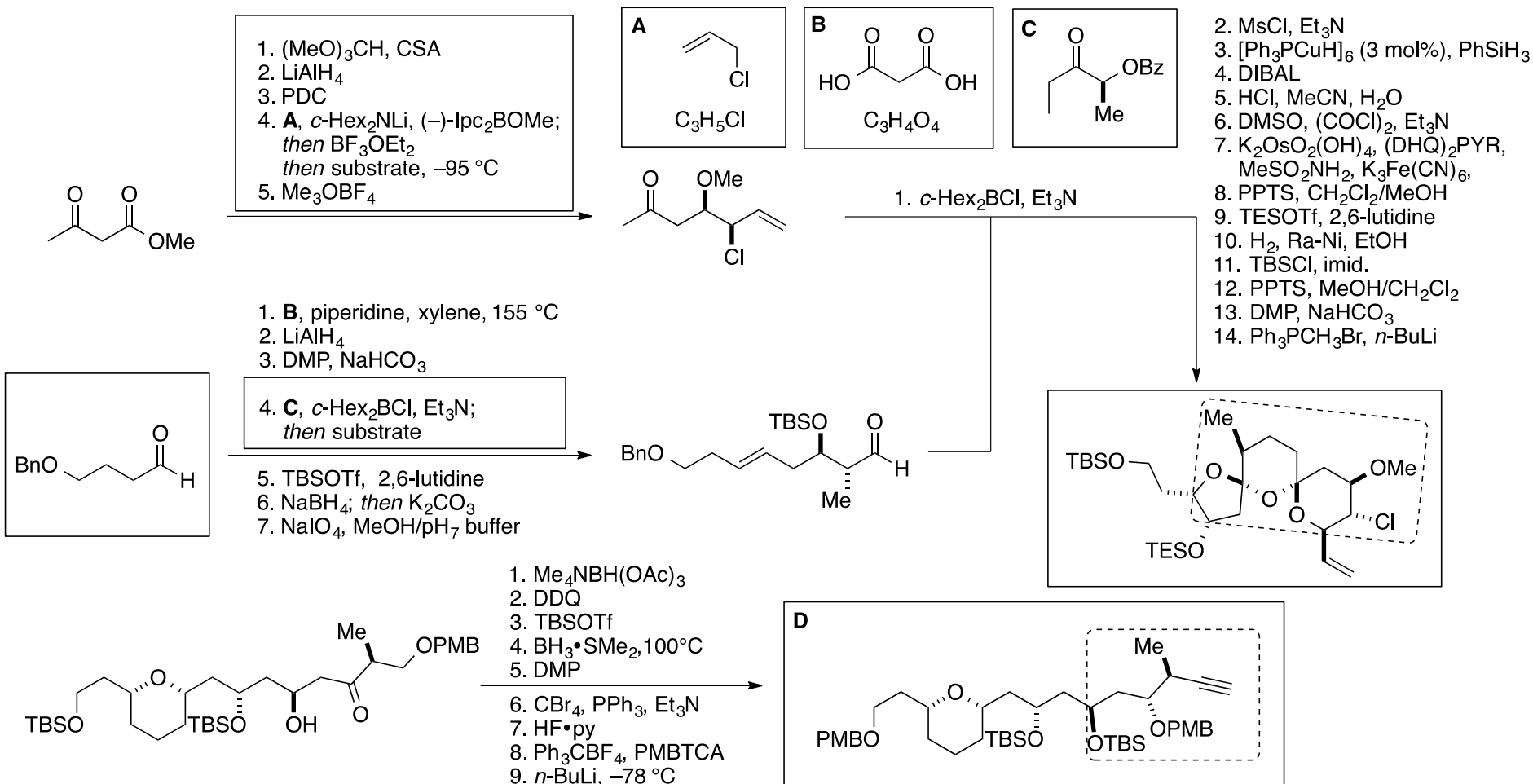
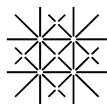


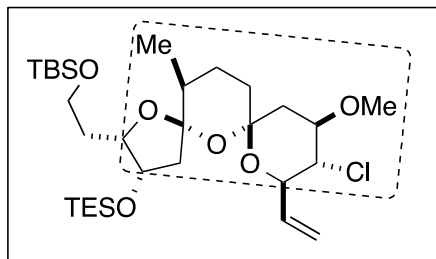
E55: Synthesis of Spirastrelloide A methyl ester^[1,2]



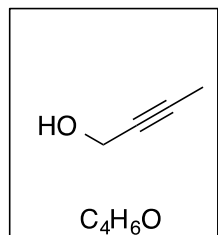
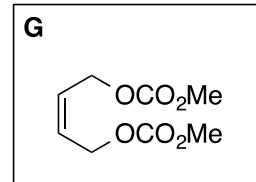
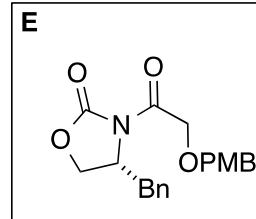
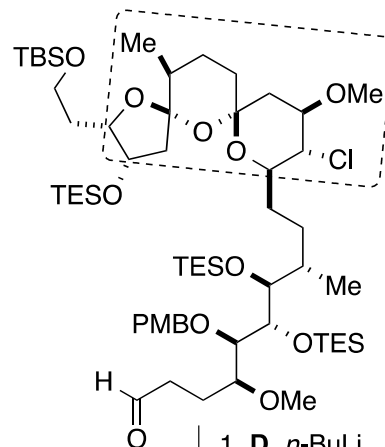
^[1] I. Paterson, E. A. Anderson, S. M. Dalby, J. H. Lim, P. Maltas, O. Loiseleur, J. Genovino, C. Moessner, *Org. Biomol. Chem.* **2012**, *10*, 5861.

^[2] I. Paterson, E. A. Anderson, S. M. Dalby, J. H. Lim, P. Maltas, *Org. Biomol. Chem.* **2012**, *10*, 5873.

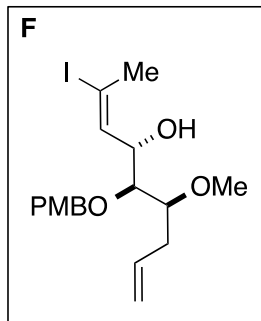




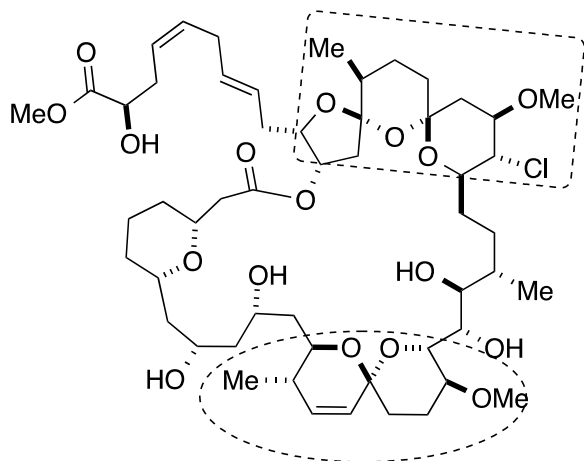
1. 9-BBN; **F**, [PdCl₂(dppf)], Ph₃As, Cs₂CO₃
2. BH₃•SMe₂; H₂O₂, NaOH
3. TESOTf, 2,6-lutidine
4. PPTS, MeOH/CH₂Cl₂
5. DMP, NaHCO₃



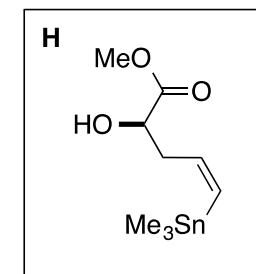
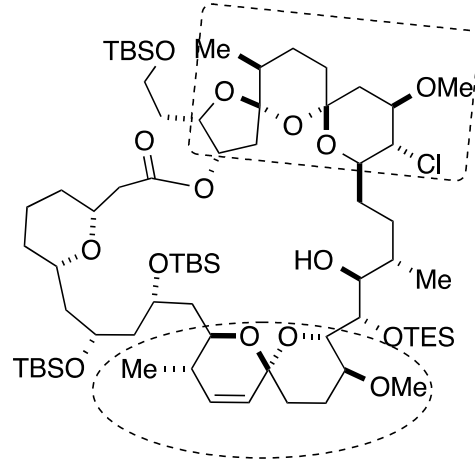
1. Cp₂TiCl₂, *i*-BuMgCl; I₂
2. DMP
3. **E**, *n*-Bu₂BOTf, Et₃N, PhMe
4. MeNH(OMe) HCl, AlMe₃
5. TESOTf
6. AllylMgBr
7. Zn(BH₄)₂
8. Me₃OBF₄
9. PPTS, MeOH



1. **D**, *n*-BuLi
2. H₂, Pd/CaCO₃/Pb, quinoline
3. DMP, NaHCO₃
4. DDQ, CH₂Cl₂/pH₇ buffer
5. TEMPO, PhI(OAc), CH₂Cl₂/pH₇ buffer; NaClO₂, NaH₂PO₄, 2-methyl-2-butene
6. TBAF, AcOH
7. 2,4,6-trichlorobenzoyl chloride, Et₃N; then DMAP, PhMe



1. HF•py
2. PPTS, (MeO)CMe₂
3. PPTS, MeOH
4. DMP, NaHCO₃
5. Ph₃CH₂
6. Grubbs II, **G**, PhH, 80 °C
7. PdCl₂(MeCN)₂, **H**
8. PPTS, MeOH, 35 °C



[¹] I. Paterson, E. A. Anderson, S. M. Dalby, J. H. Lim, P. Maltas, O. Loiseleur, J. Genovino, C. Moessner, *Org. Biomol. Chem.* **2012**, *10*, 5861.

[²] I. Paterson, E. A. Anderson, S. M. Dalby, J. H. Lim, P. Maltas, *Org. Biomol. Chem.* **2012**, *10*, 5873.

