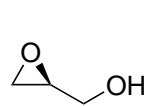
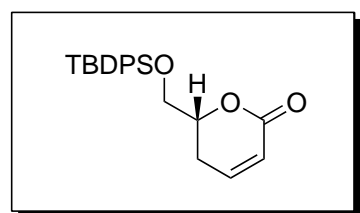


An Enantioselective Total Synthesis of (+)-Aigialospirol
 Figueroa, R.; Hsung, R. P; Guevarra, C. C. *Org. Lett.* **2007**, *9*, 4857-4859

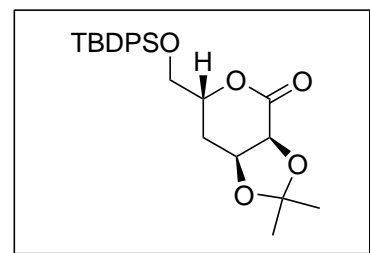


- 1) TBDPSCI
- 2) CuCN, CH₂CHMgCl
- 3) acryloyl chloride, Et₃N
- 4) Grubbs Gen-I

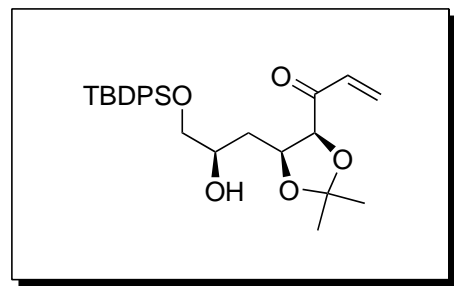
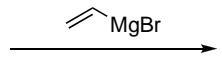


A

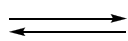
- 1) 6 mol% OsO₄, NMO
- 2) *p*-TsOH, MeO, OMe



B

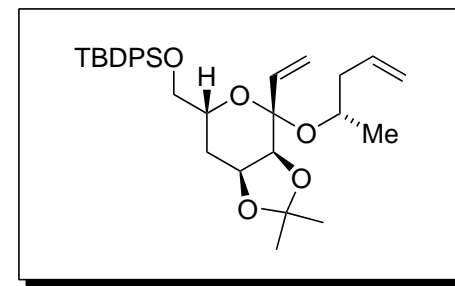


C



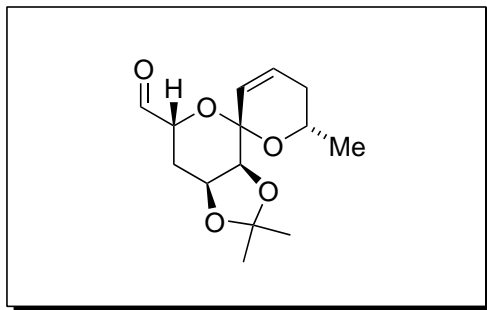
D

- HO, Me
- Tf₂NH, 4 Å MS

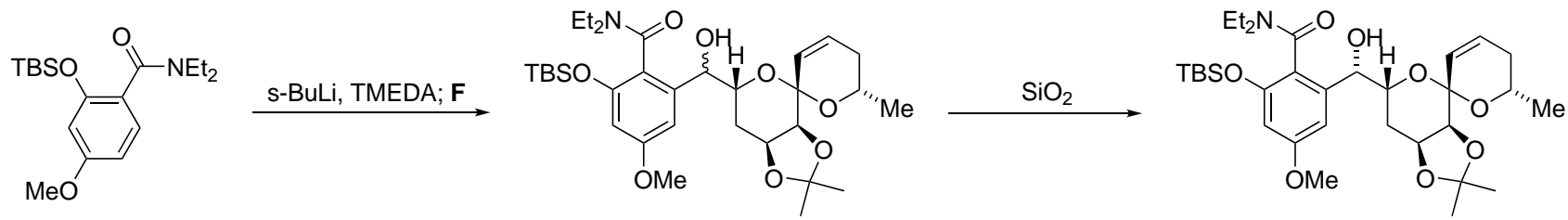


E

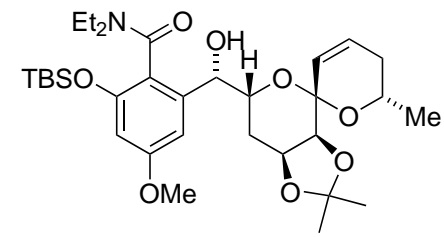
- 1) Grubbs Gen-I
- 2) TBAF
- 3) TEMPO,



F

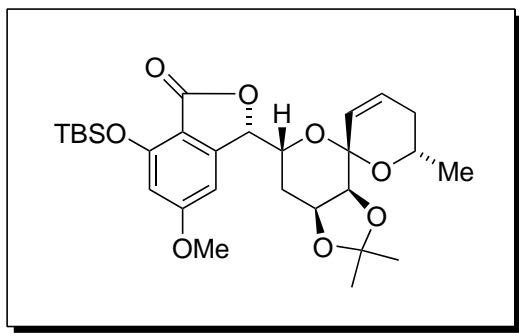


G



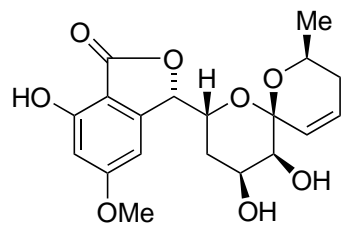
G'

KOH , MeOH/H₂O/THF



H

$p\text{-TsOH}$, MeOH



(+)-Aigialospirol