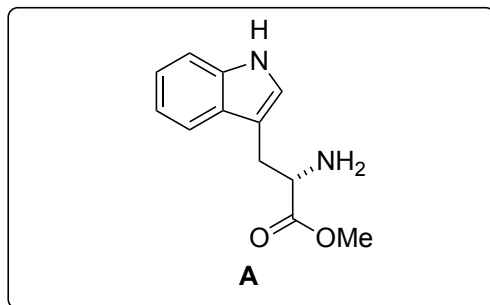


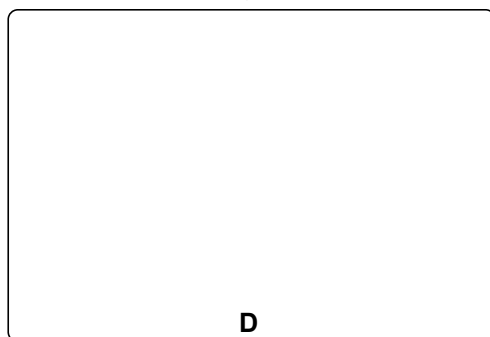
Synthesis of Brevianamide A and B

Robert C. Godfrey, Nicholas J. Green, Gary S. Nichol and Andrew L. Lawrence

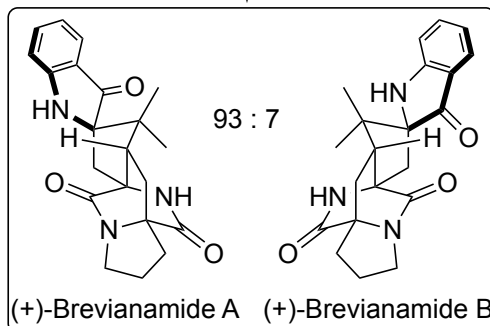
Nat. Chem. **2020**, *12*, 615–619



1–6

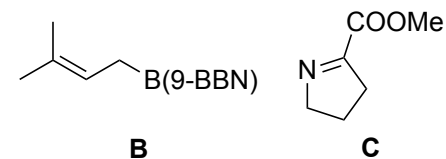


7



- 1) phthalic anhydride, NEt_3
- 2) $t\text{-BuOCl}$, NEt_3 , then **B**
- 3) LiCl , DMF, $160\text{ }^\circ\text{C}$
- 4) $(\text{COCl})_2$, DMF, then **C**
- 5) NH_3/MeOH
- 6) $m\text{-CPBA}$ (1 equiv.)

7) LiOH



- 1) Name of **A**? How would you prepare it?
- 2) Propose a mechanism
- 4) How would you prepare **C**?

7) Propose a Mechanism, name the individual steps