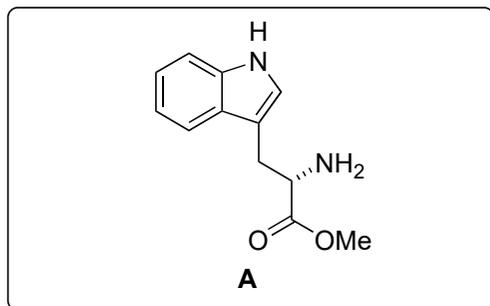


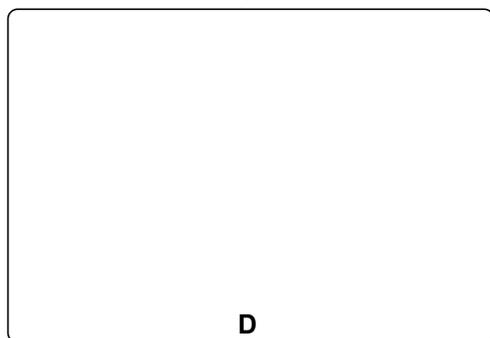
# Synthesis of Brevianamide A and B

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

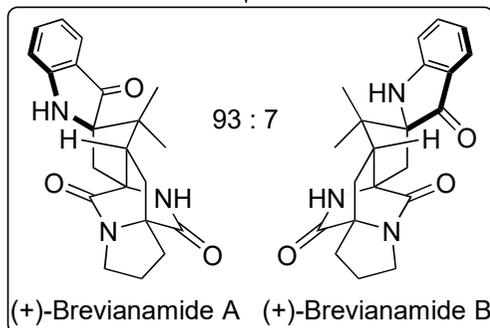
Nat. Chem. 2020, 12, 615–619



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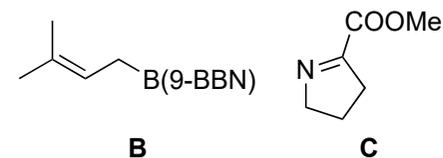


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- 1) phthalic anhydride,  $\text{NEt}_3$
- 2)  $t\text{-BuOCl}$ ,  $\text{NEt}_3$ , then **B**
- 3)  $\text{LiCl}$ , DMF
- 4)  $(\text{COCl})_2$ , DMF, then **C**
- 5)  $\text{NH}_3/\text{MeOH}$
- 6)  $m\text{-CPBA}$

7)  $\text{LiOH}$



- 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