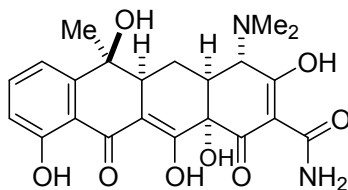


Tetracycline (TKGP-090314)

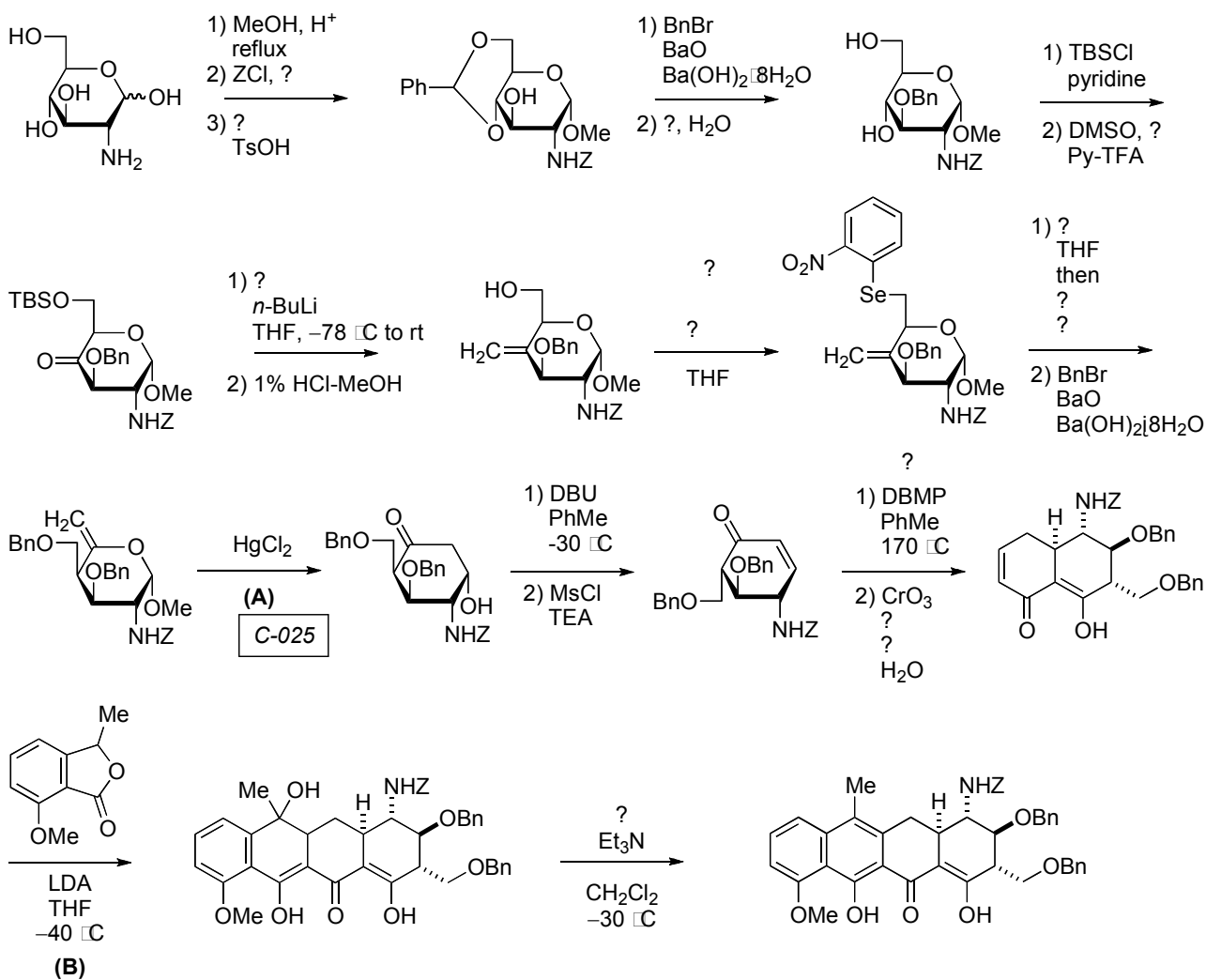
K. Tatsuta<sup>1),2)</sup>

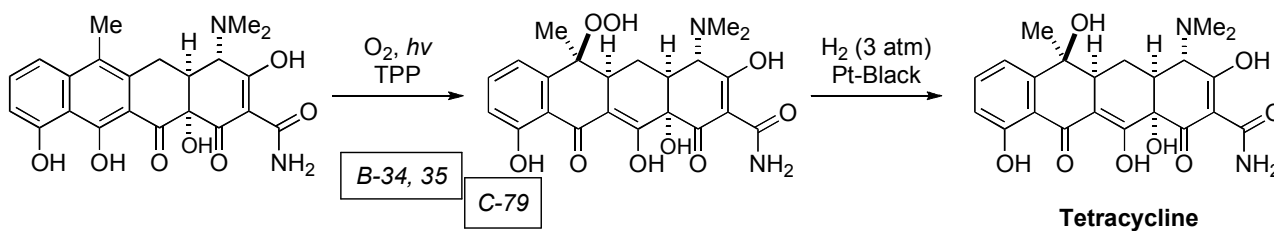
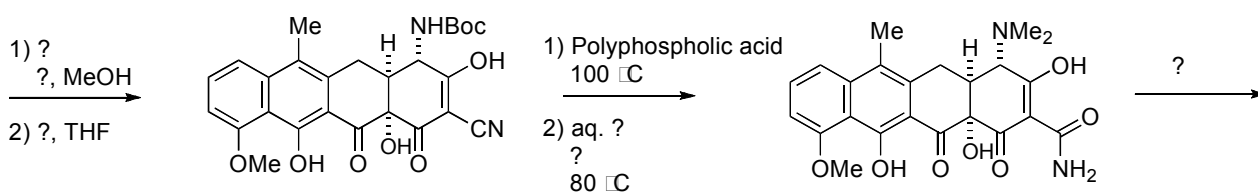
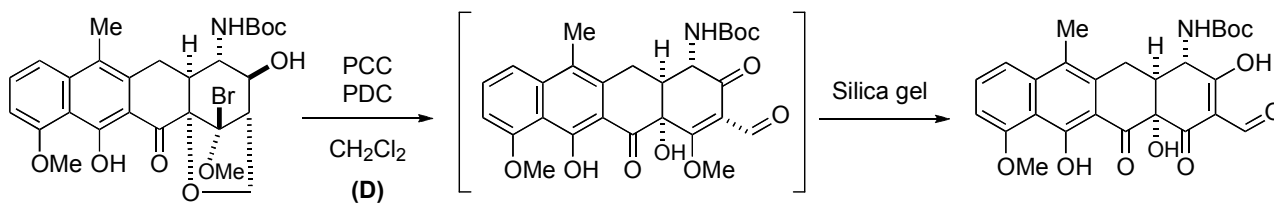
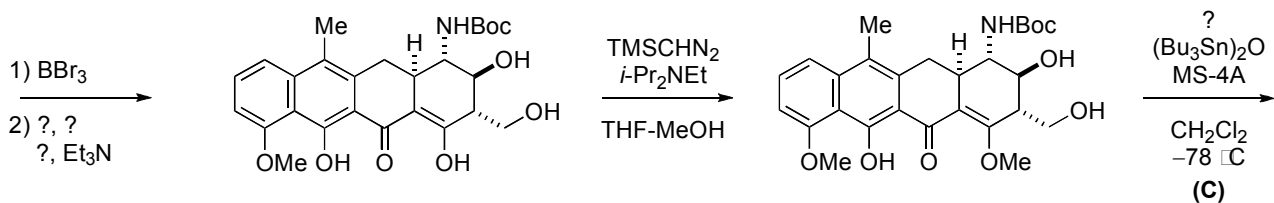
Activity

Antimicrobial activities 抗菌作用

Key Reactions

(A) Ferrier reaction, (B) Michael-Dieckmann type reaction, (C) Bromoetheration, (D) Ring-opening oxidation





## References

- 1) K. Tatsuta, T. Yashimoto, H. Gunji, Y. Okada, M. Takahashi, *Chem. Lett.*, 646 (2000).
- 2) 竜田邦明、有機合成化学協会誌、**64**, 458-469 (2006)