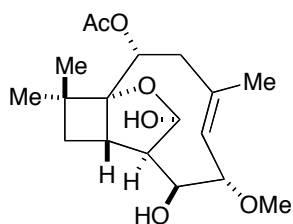


(-)-Pestalotiopsin A (TKGP-190222)

Kin-ichi Tadano<sup>1), 2)</sup>



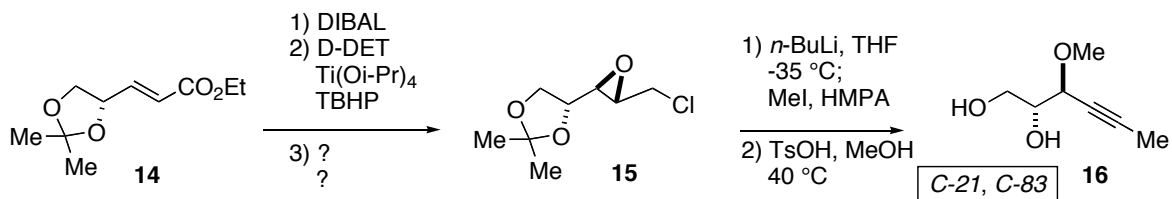
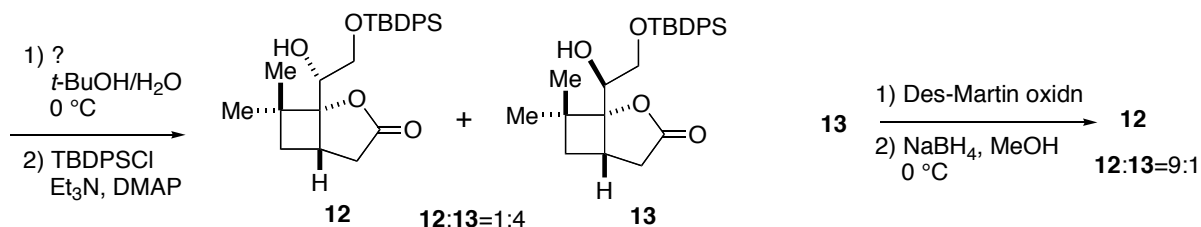
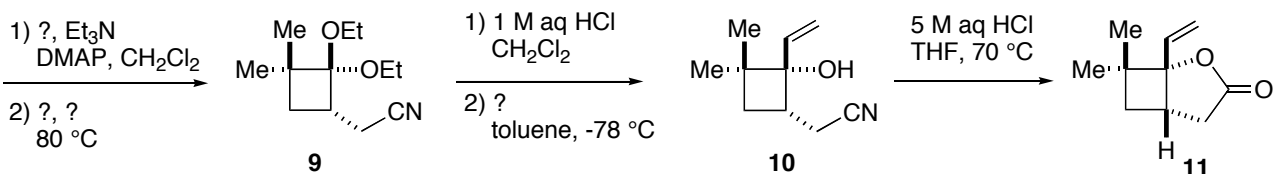
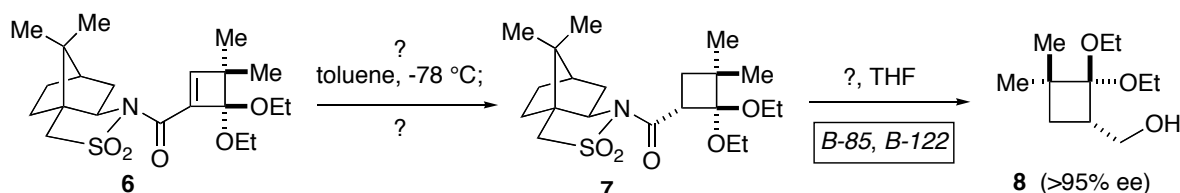
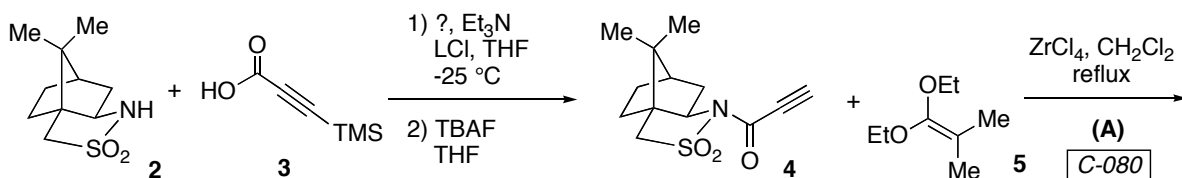
(-)-pestalotiopsin A (1)

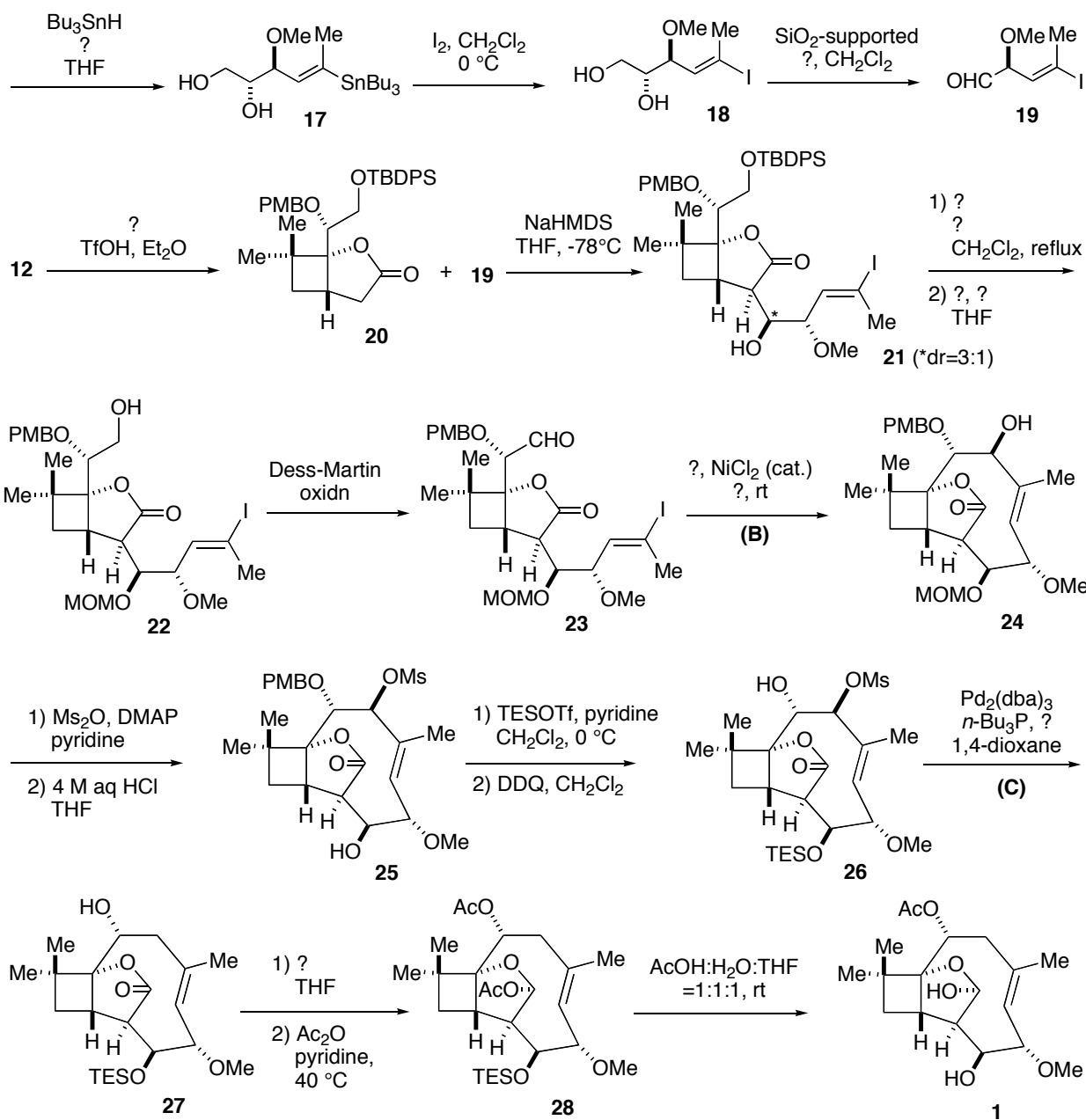
**Activity**

cytotoxicity 細胞障害活性 immunosuppressive activity 免疫抑制活性

**Key Reactions**

(A) [2+2] Cycloaddition (B) Intramolecular Nozaki-Hiyama-Kishi reaction  
(C) Hydride substitution via a  $\pi$ -allyl intermedaye





## References

- 1) K. Takao, H. Saegusa, T. Tsujita, T. Washizuka, K. Tadano, *Tetrahedron Lett.*, **46**, 5815 (2005)
- 2) K. Takao, N. Hayakawa, R. Yamada, T. Yamaguchi, U. Morita, S. Kawasaki, K. Tadano, *Angew. Chem. Int. Ed.*, **47**, 3426 (2008)