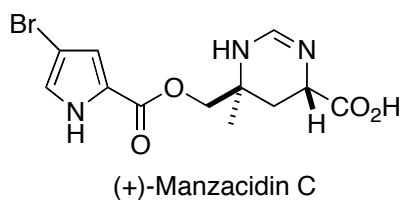
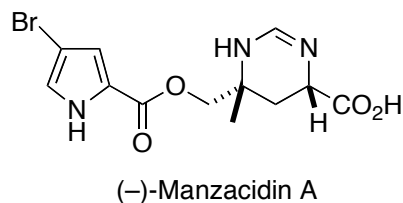


(-)-Manzacidin A and C (TKGP-181026)

Y. Ohfuné, T. Shinada <sup>1)-3)</sup>

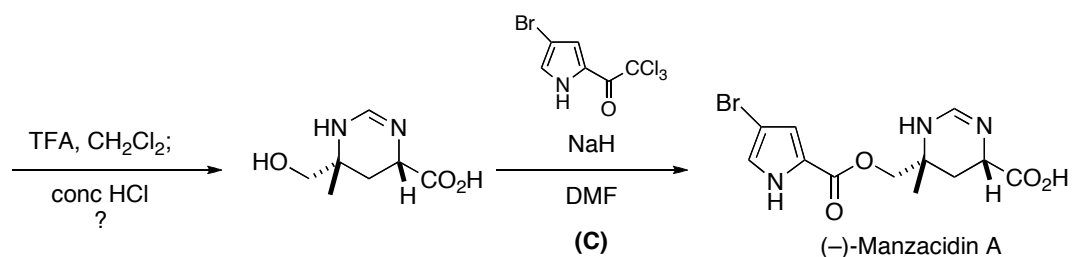
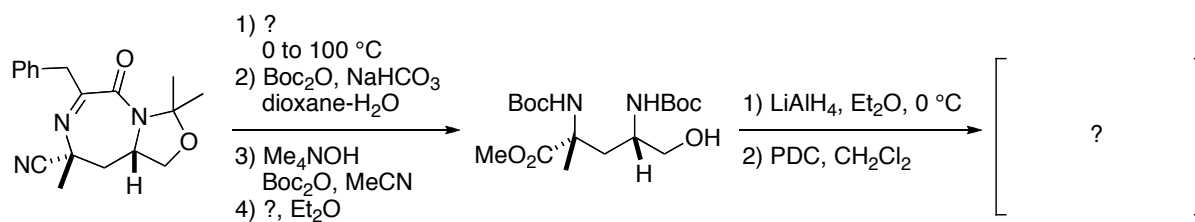
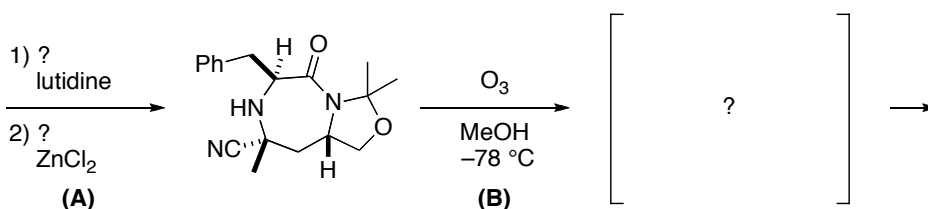
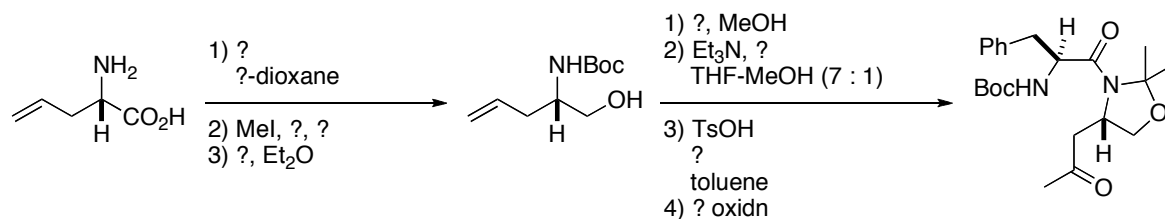


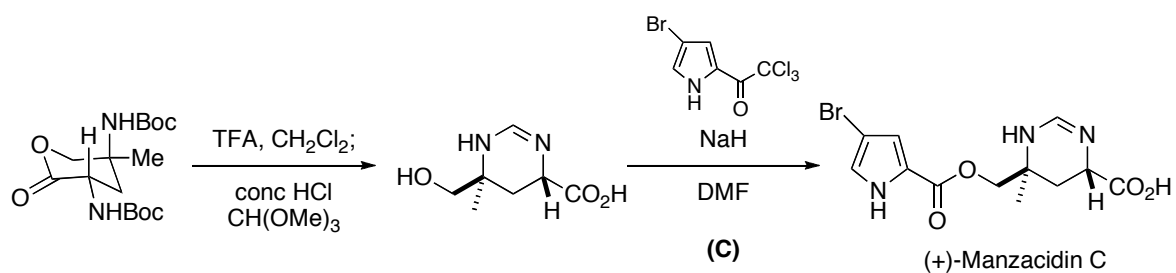
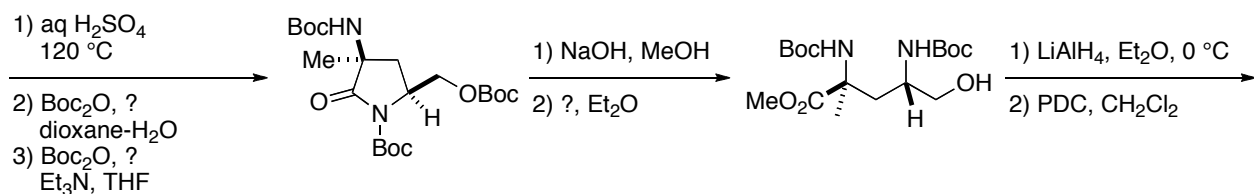
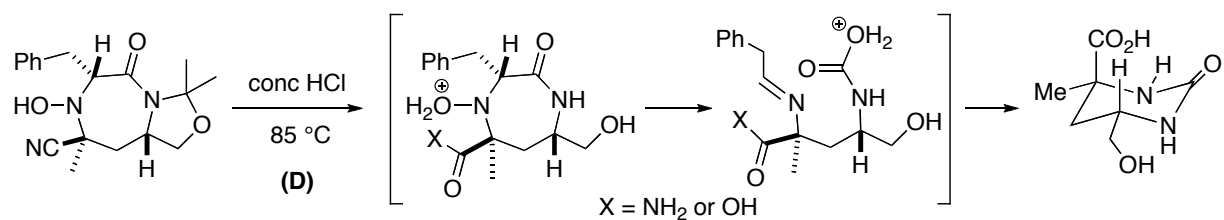
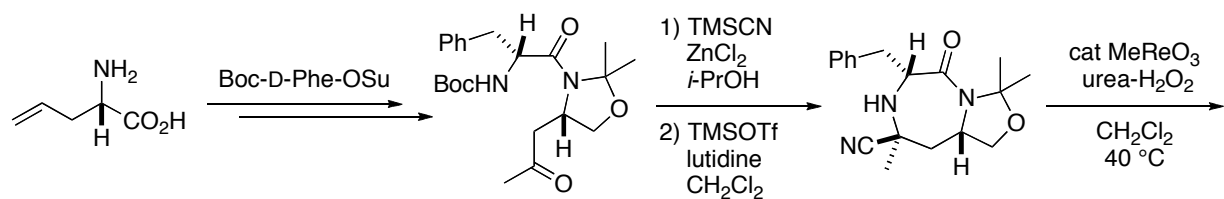
Activity

$\alpha$ -Adrenoceptor blocker ( $\alpha$ -アドレナリン受容体阻害)

Key Reactions

(A) asymmetric transferring Strecker synthesis, (B) ozone oxidation, (C) acylation reaction, (D) acid-catalyzed fragmentation reaction





#### References:

- 1) K. Namba, T. Shinada, T. Teramoto, Y. Ohfuné, *J. Am. Chem. Soc.*, **122**, 10708 (2000)
- 2) K. Namba, M. Kawasaki, I. Takada, S. Iwama, M. Izumida, T. Shinada, Y. Ohfuné, *Tetrahedron Lett.*, **42**, 3733 (2001)
- 3) Y. Ohfuné, T. Shinada, *Eur. J. Org. Chem.*, 5127 (2005)