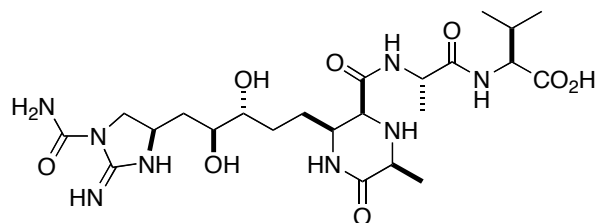


(-)-Guadinomine C2 (190427-TKGP)

T. Sunazuka, S. Ōmura^{1), 2)}

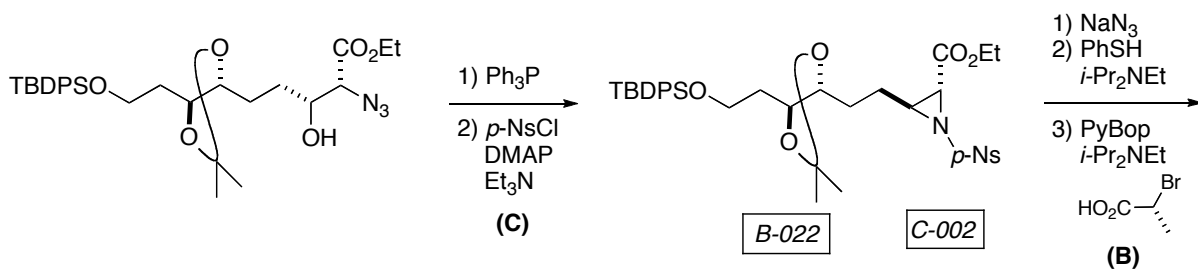
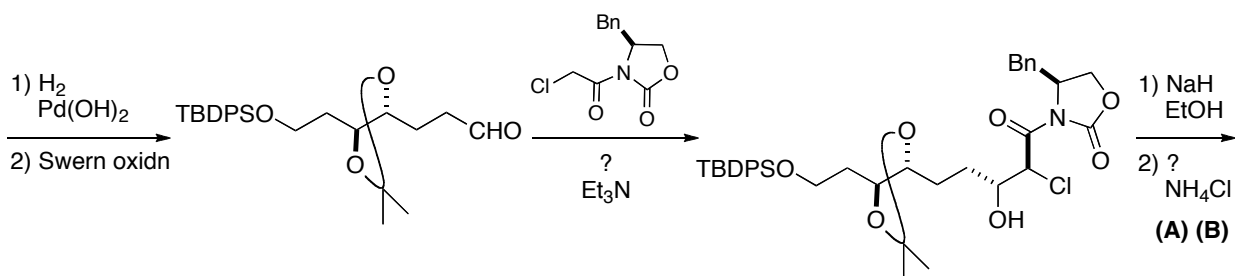
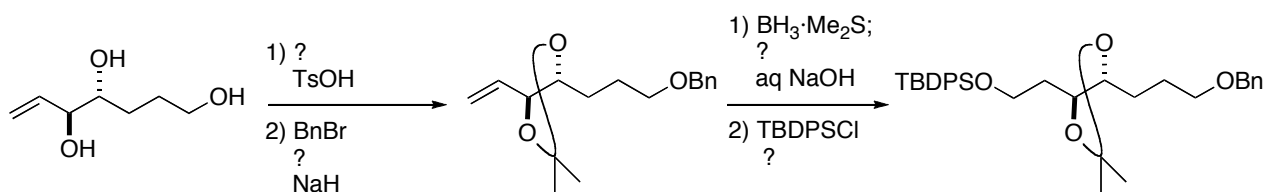
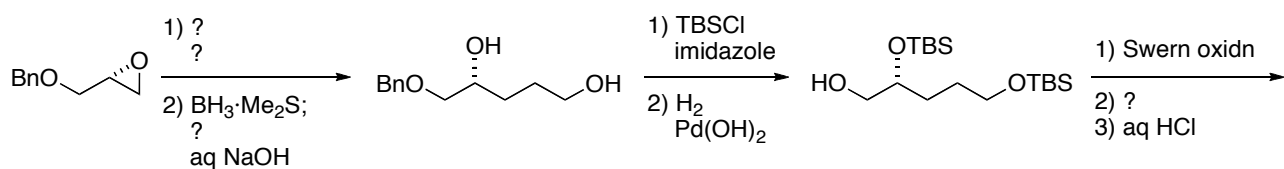


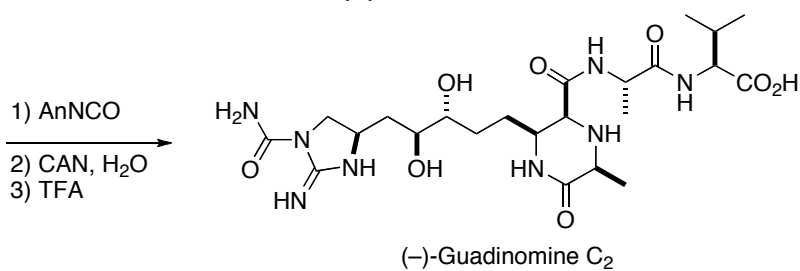
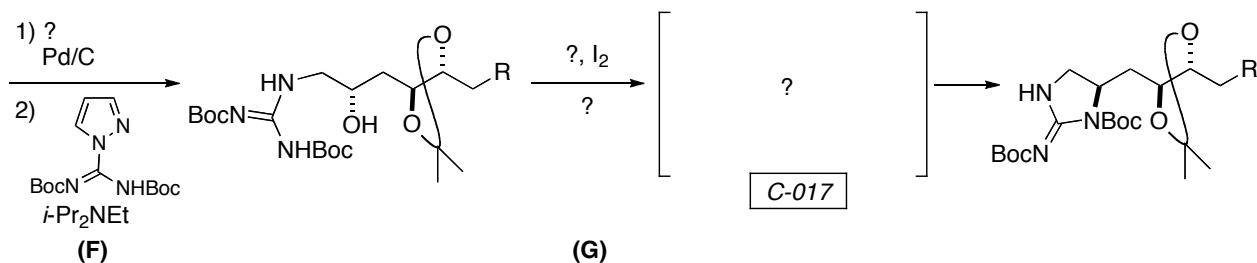
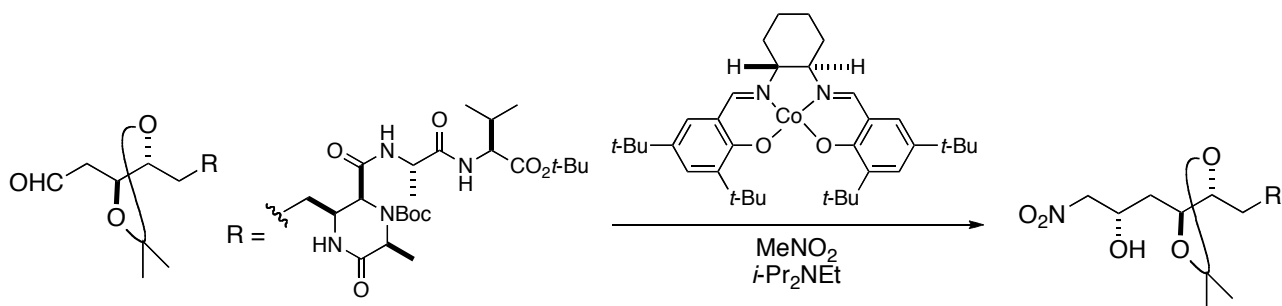
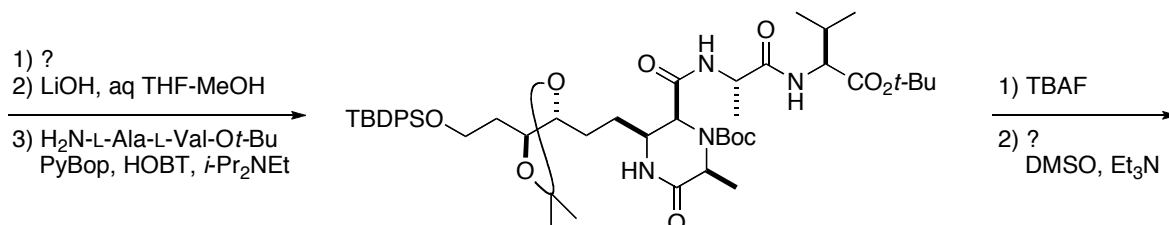
Activity

Inhibition of type III secretion system (タイプⅢ分泌機構阻害活性)

Key Reactions

(A) epoxide formation with epimerization, (B) regioselective azidolysis, (C) Staudinger ring closure, (D) Staudinger amination, (E) asymmetric nitro aldol reaction, (F) guanylation, (G) S_N2 cyclization





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- 2) T. Hirose, T. Sunazuka, S. Tsuchiya, T. Tanaka, Y. Kojima, R. Mori, M. Iwatsuki, S. Ōmura, *Chem. Eur. J.*, **14**, 8220 (2008)