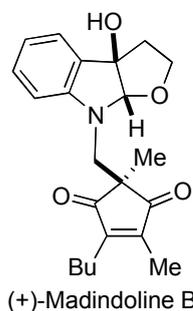
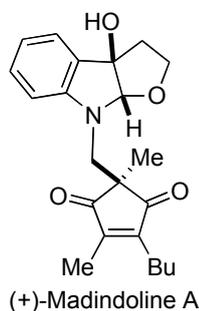


(+)-Madindolines A and B (TKGP-100724)

T. Sunazuka, S. Ōmura¹⁾⁻³⁾

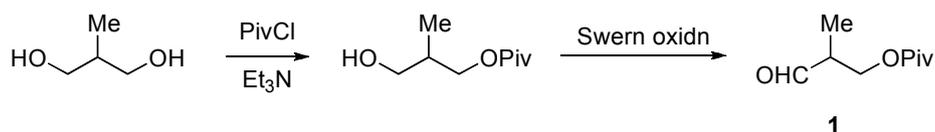


Activity

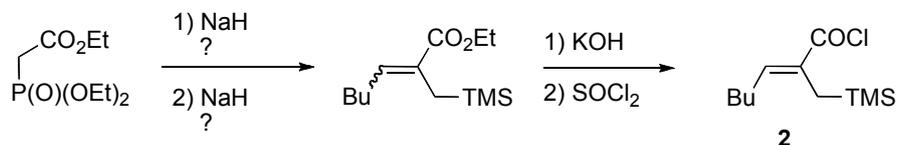
Inhibition of IL-6 activity (IL-6 活性阻害作用)

Key Reactions

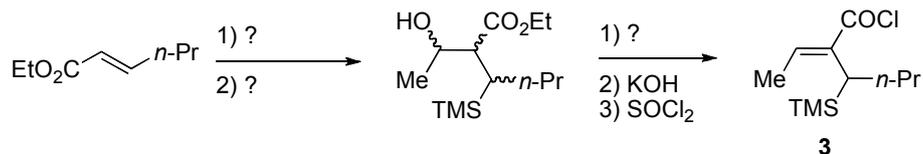
(A) asymmetric oxidative ring closure,
(B) chelation-controlled 1,4-diastereoselective acylation,
(C) intramolecular acylation of allylsilane



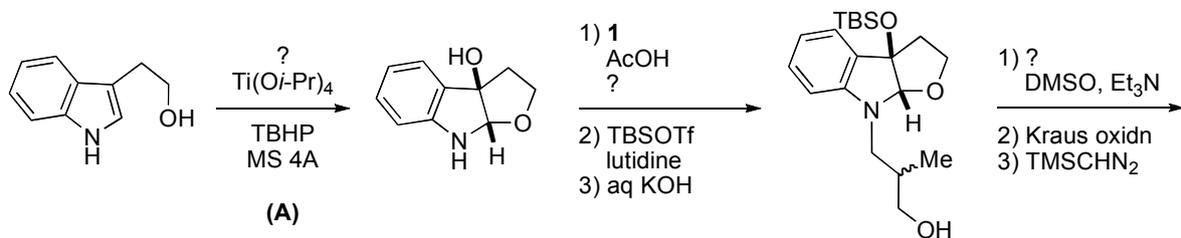
###

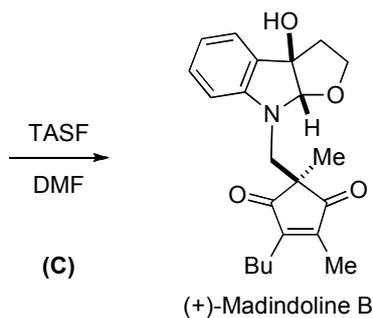
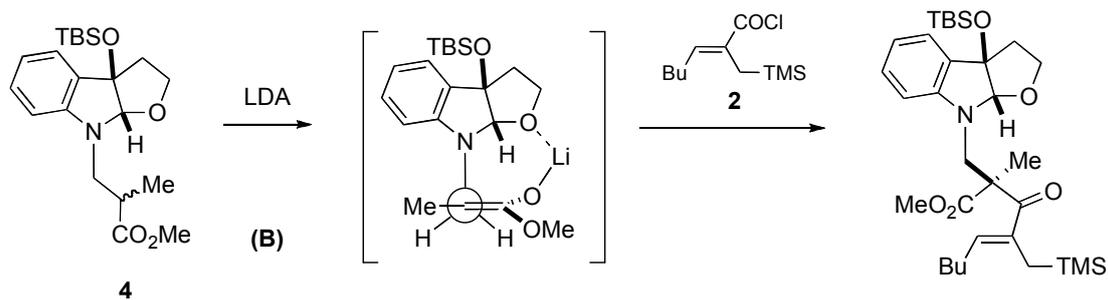


###

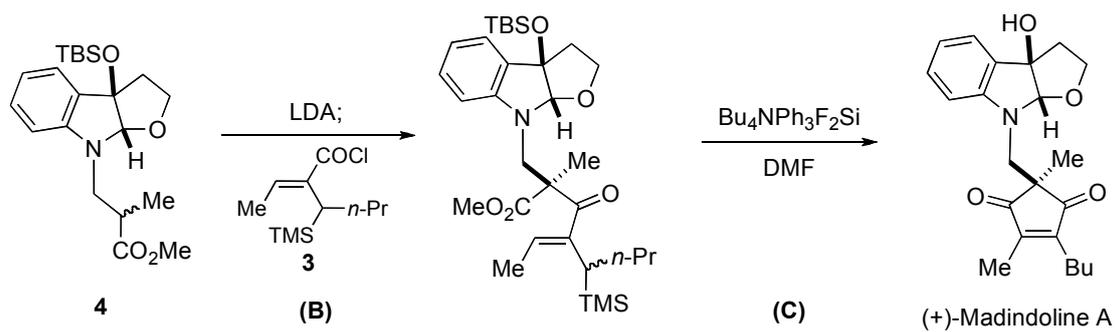


###





###



References:

- 1) T. Hirose, T. Sunazuka, T. Shirahata, D. Yamamoto, Y. Harigaya, I. Kuwajima, S. Ōmura, *Org. Lett.*, **4**, 501 (2002)
- 2) T. Hirose, T. Sunazuka, D. Yamamoto, N. Kojima, T. Shirahata, Y. Harigaya, I. Kuwajima, S. Ōmura, *Tetrahedron*, **61**, 6015 (2005)
- 3) T. Sunazuka, T. Hirose, S. Ōmura, *Acc. Chem. Res.*, **41**, 302 (2008)