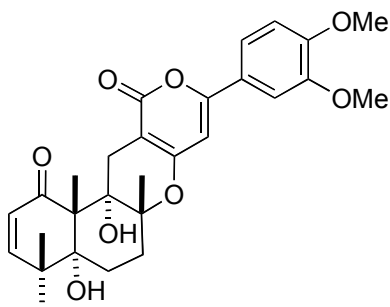


(+)-Arisugacin A (TKGP091205)

T. Sunazuka, S. Ōmura¹⁾⁻³⁾

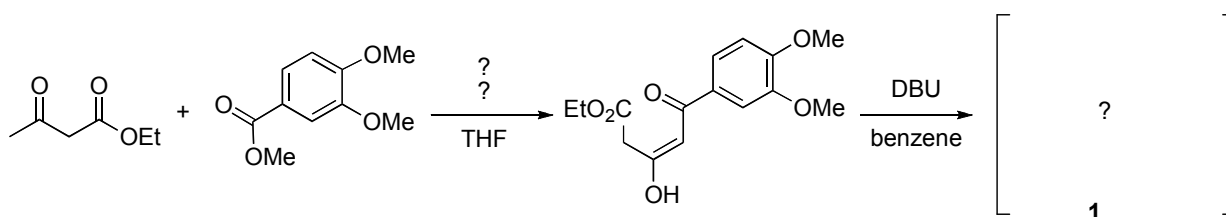


Activity

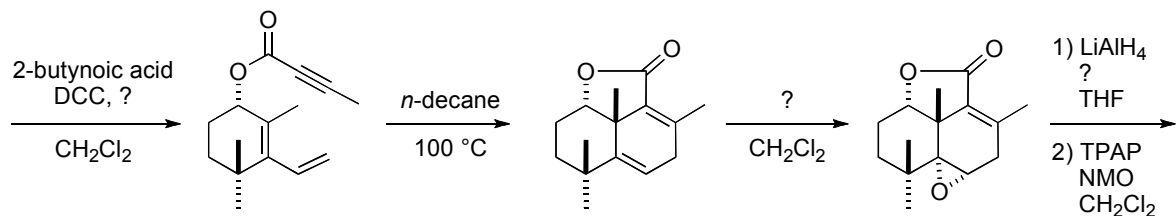
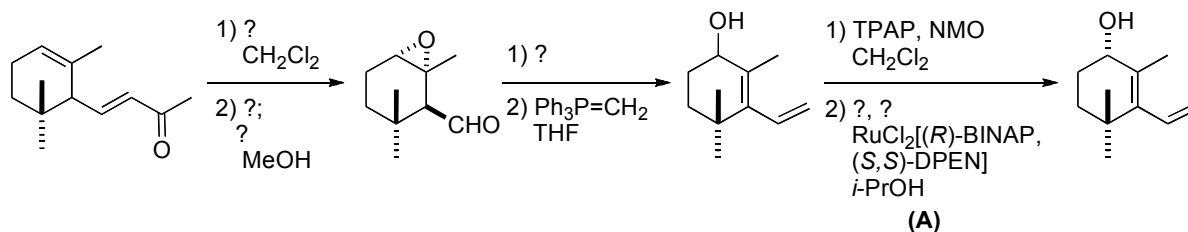
Inhibition of acetylcholinesterase (アセチルコリンエステラーゼ阻害活性)

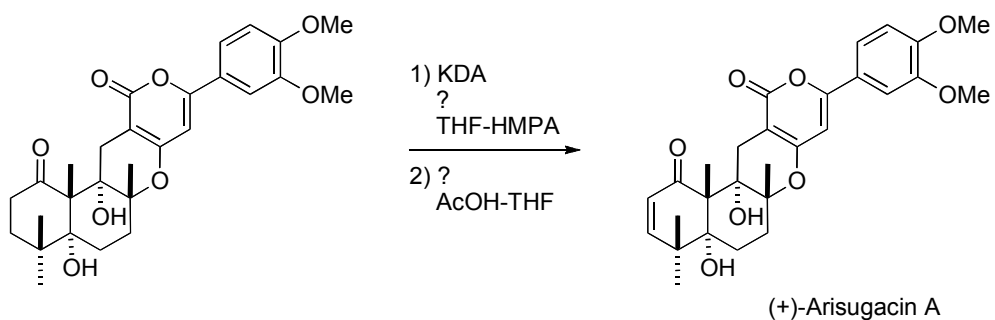
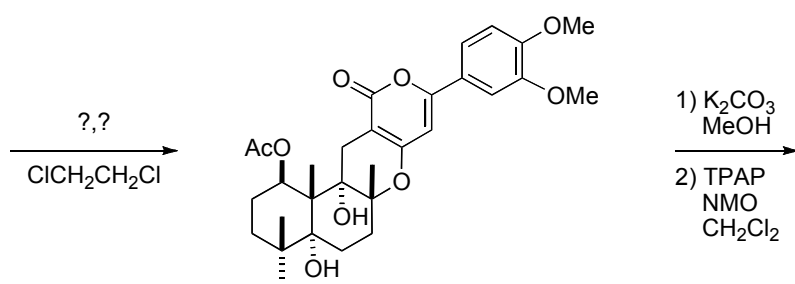
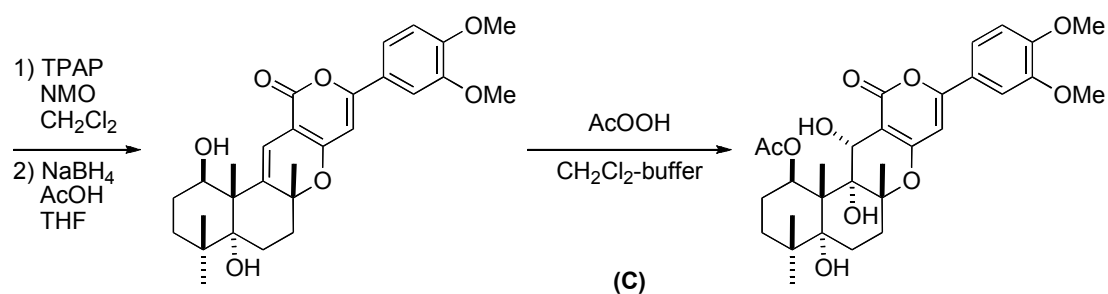
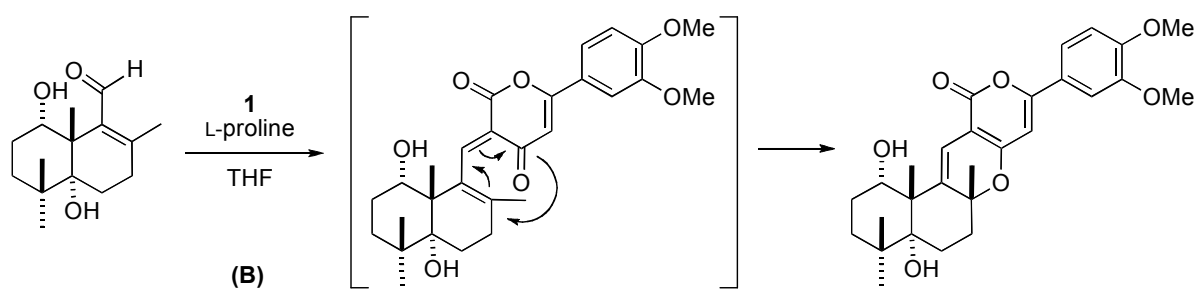
Key Reactions

(A) asymmetric reduction, (B) Knoevenagel-type coupling reaction, (C) stereoselective dihydroxylation



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References:

- 1) T. Sunazuka, M. Handa, K. Nagai, T. Shirahata, Y. Harigaya, K. Otaguro, I. Kuwajima, S. Ōmura, *Org. Lett.*, **4**, 367 (2002)
- 2) T. Sunazuka, M. Handa, K. Nagai, T. Shirahata, Y. Harigaya, K. Otaguro, I. Kuwajima, S. Ōmura, *Tetrahedron*, **60**, 7845 (2004)
- 3) T. Sunazuka, S. Ōmura, *Chem. Rev.*, **105**, 4559 (2005)