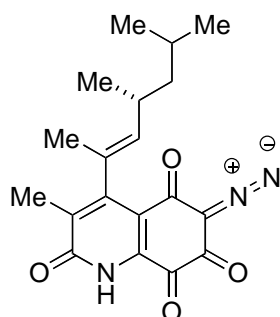


(-)-Lagunamycin (120721-TKGP)

K. Tatsuta, S. Hosokawa¹⁾

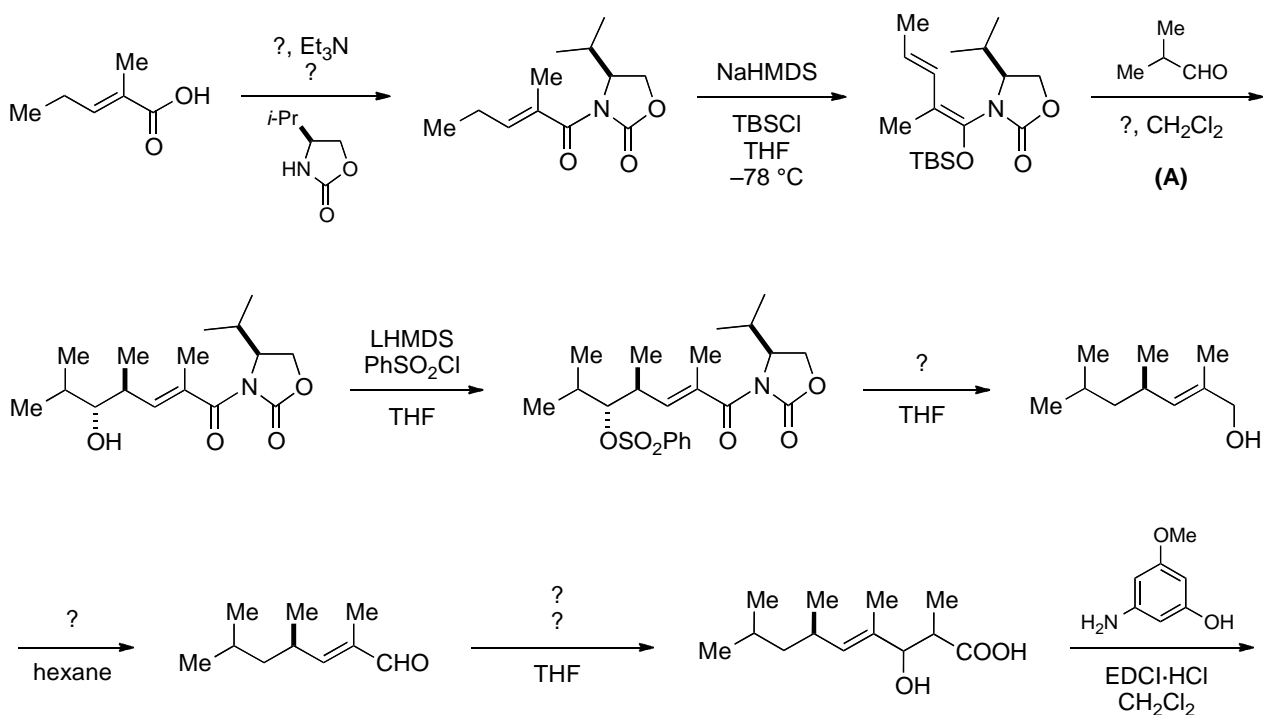


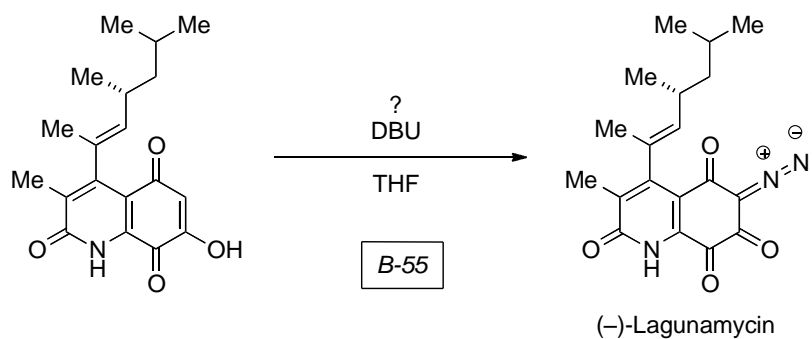
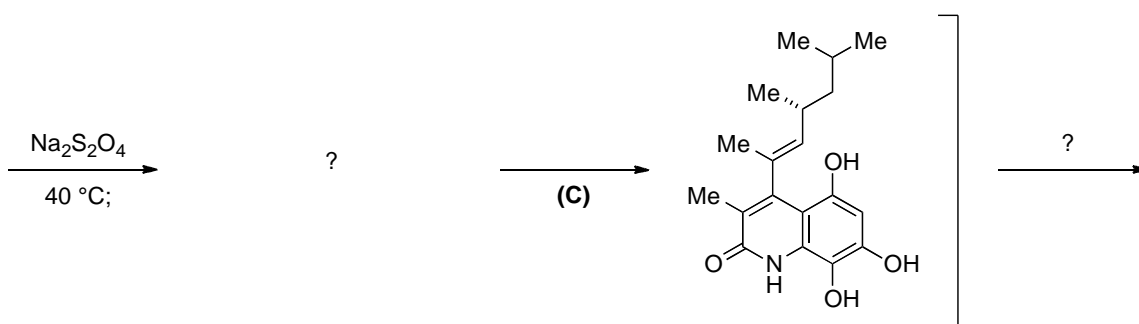
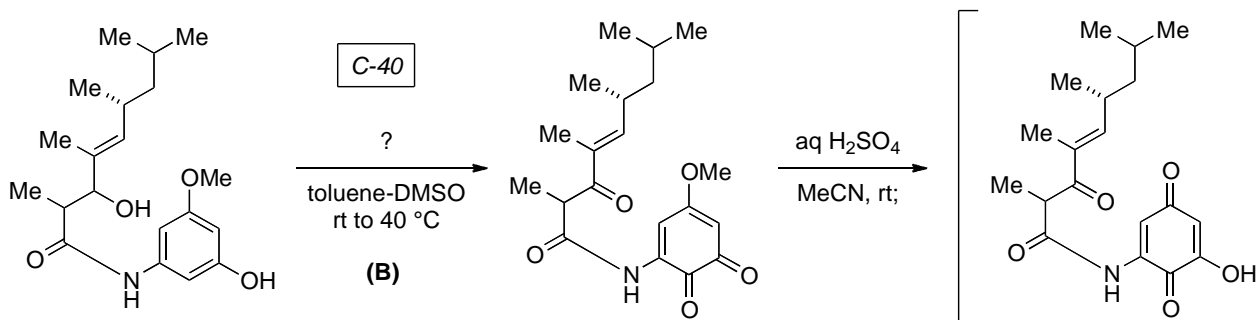
Activity

Inhibition of 5-lipoxygenase (5-リポキシゲナーゼ阻害活性)

Key Reactions

(A) vinylogous Mukaiyama aldol reaction, (B) Nicolaou oxidation,
(C) Knorr condensation





Reference:

- 1) S. Hosokawa, S. Kuroda, K. Imamura, K. Tatsuta, *Tetrahedron Lett.*, **47**, 6183 (2006)