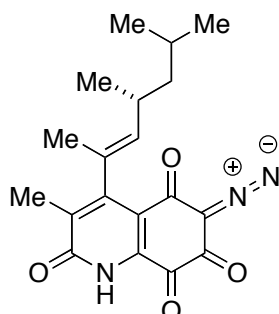


(-)-Lagunamycin (200919-TKGP)

K. Tatsuta, S. Hosokawa<sup>1)</sup>

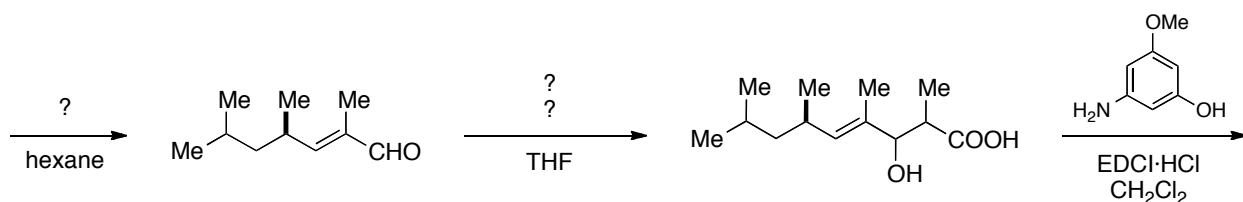
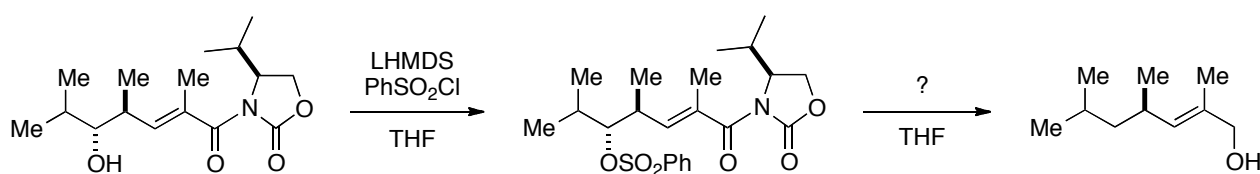
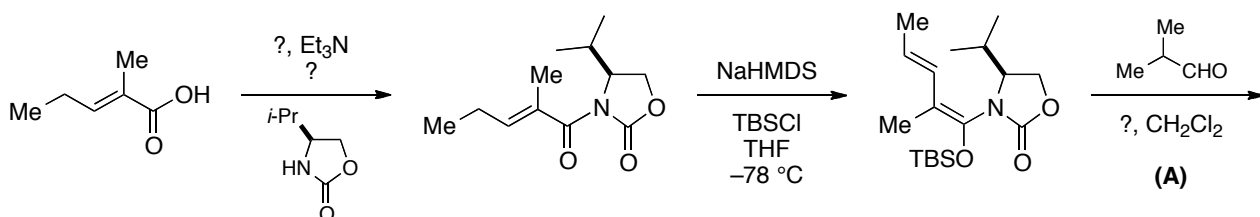


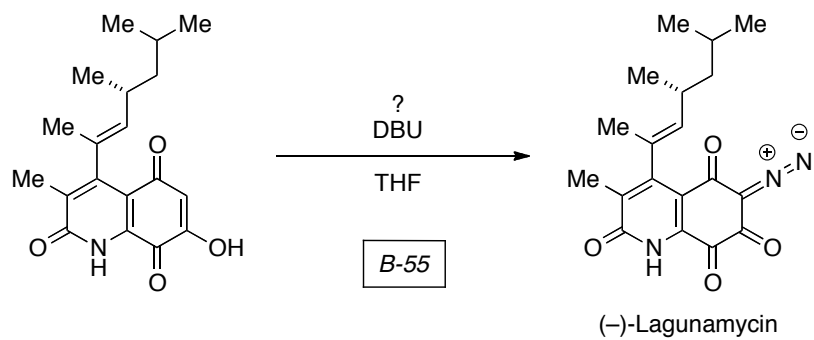
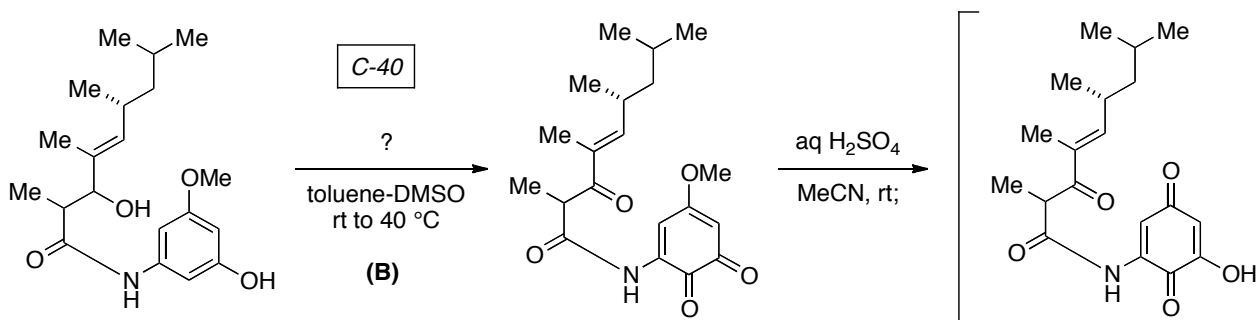
*Activity*

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)