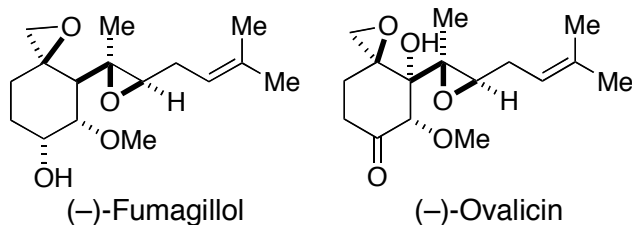


(-)-Fumagillol, (-)-Ovalicin (180407-TKGP)

Y. Hayashi, J. Yamaguchi<sup>1)</sup>

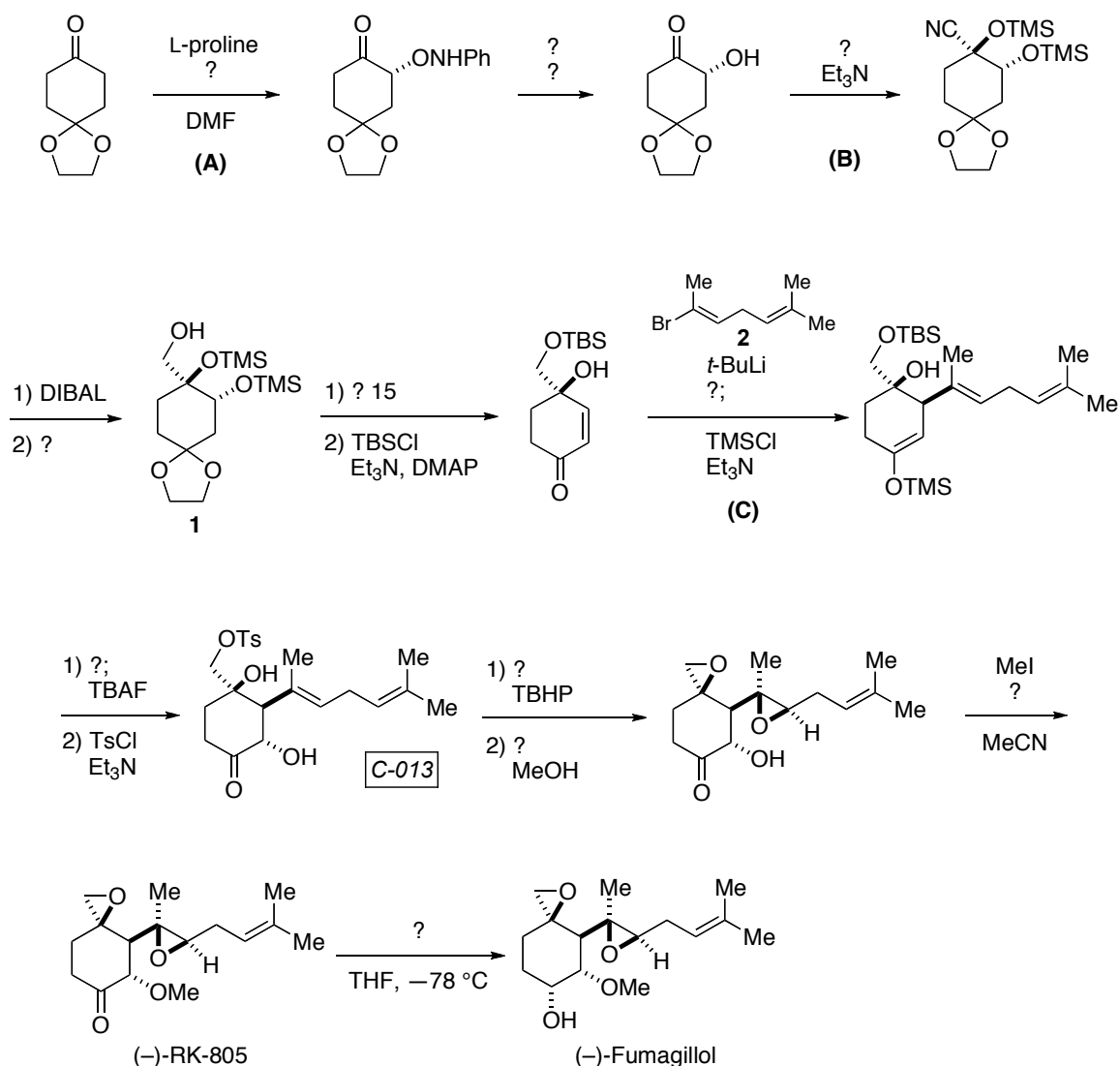


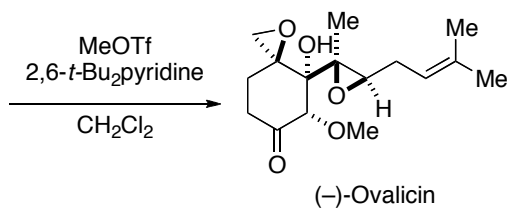
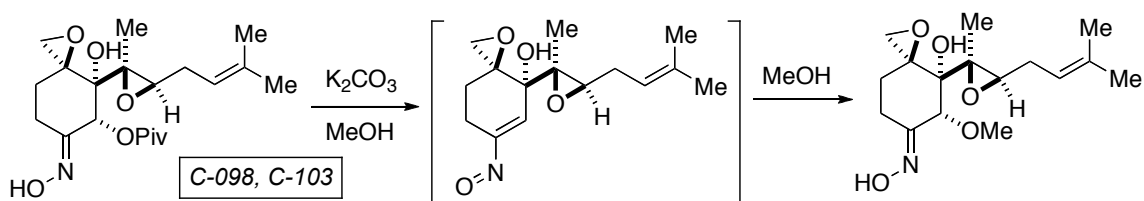
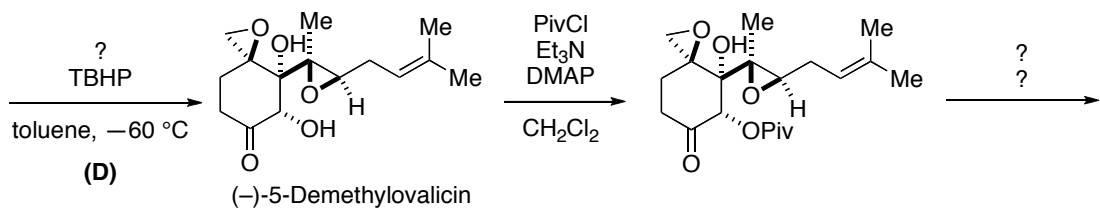
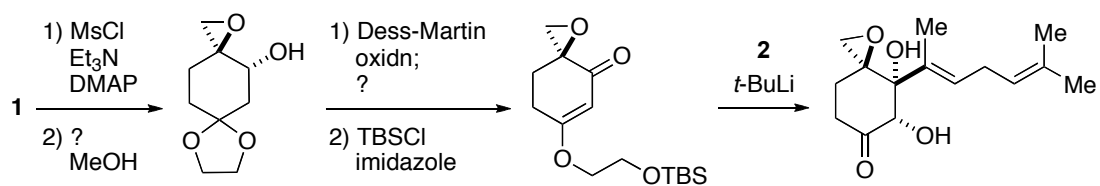
*Activity*

Inhibition of angiogenesis (血管新生阻害活性)

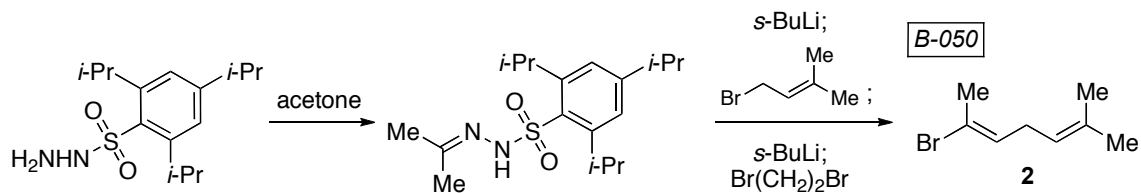
*Key Reactions*

(A) proline-catalyzed asymmetric  $\alpha$ -aminoxylation,  
 (B) diastereoselective cyanosilylation, (C) diastereoselective Michael reaction,  
 (D) stereoselective double epoxidation





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**Reference:**

- 1) J. Yamaguchi, M. Toyoshima, M. Shoji, H. Kakeya, H. Osada, Y. Hayashi, *Angew. Chem. Int., Ed.*, **45**, 789 (2006)