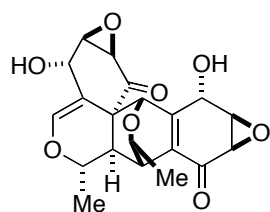
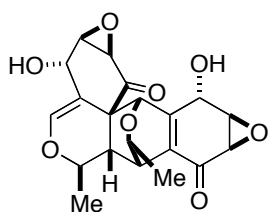


(+)-Epoxyquinols A and B (TKGP-191107)

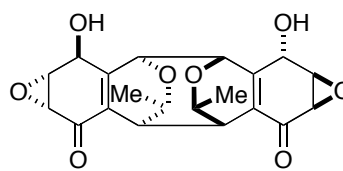
M. Shoji, Y. Hayashi¹⁾⁻³⁾



(+)-Epoxyquinol A



(+)-Epoxyquinol B



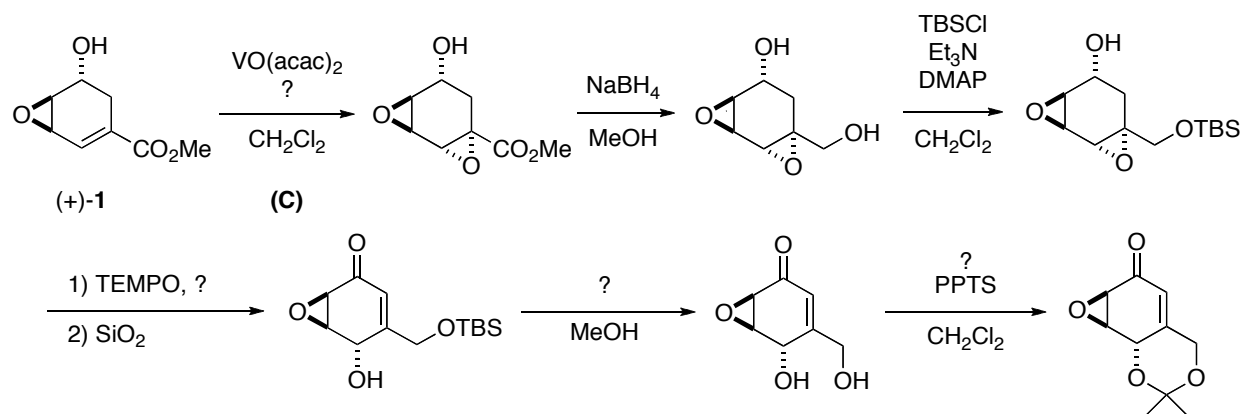
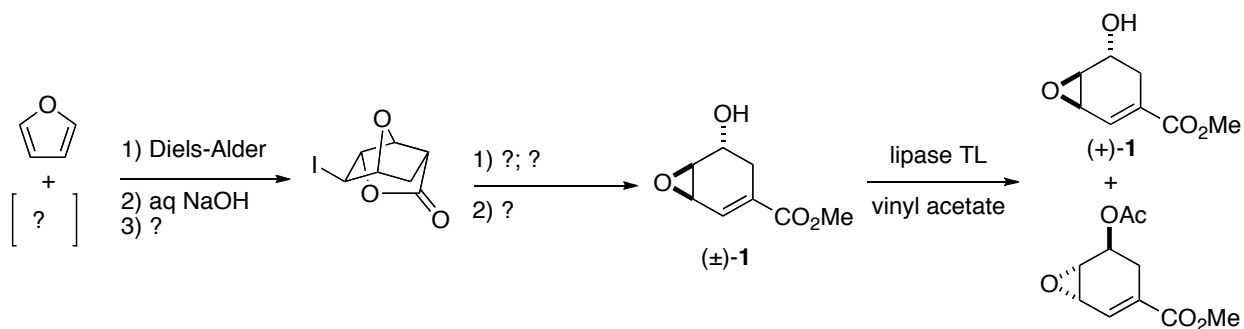
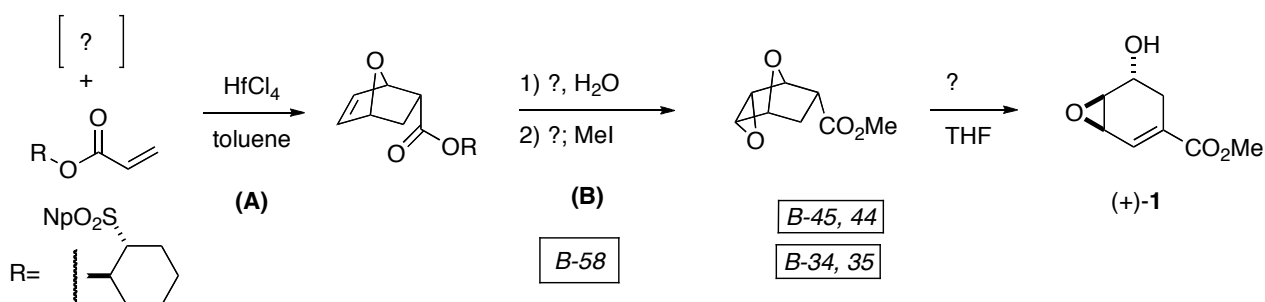
(+)-Epoxytwinol A

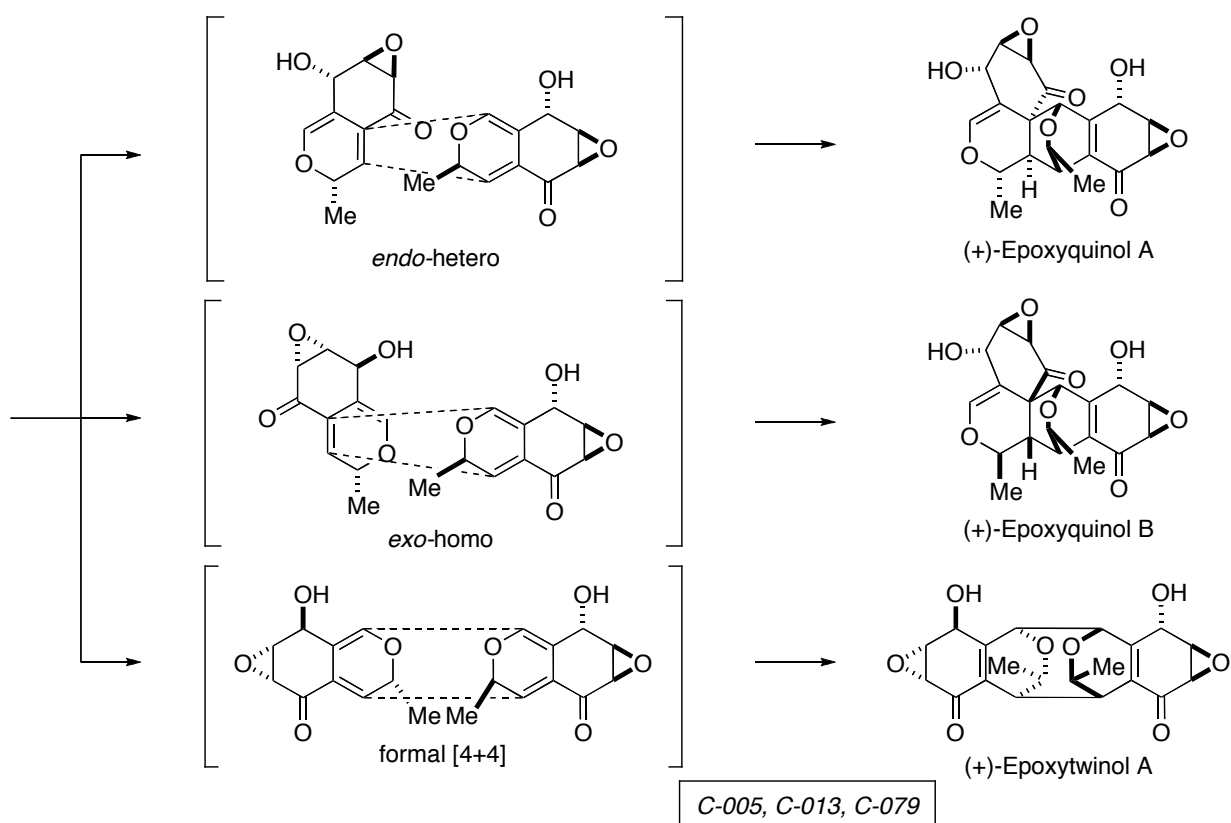
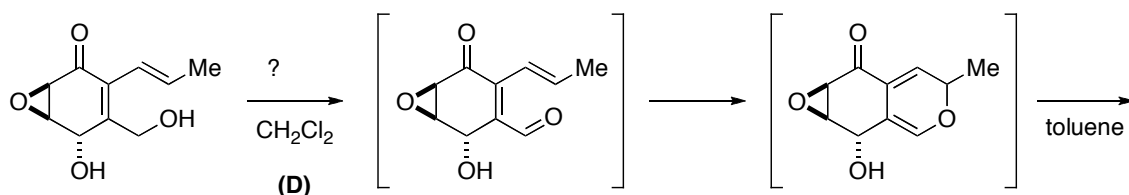
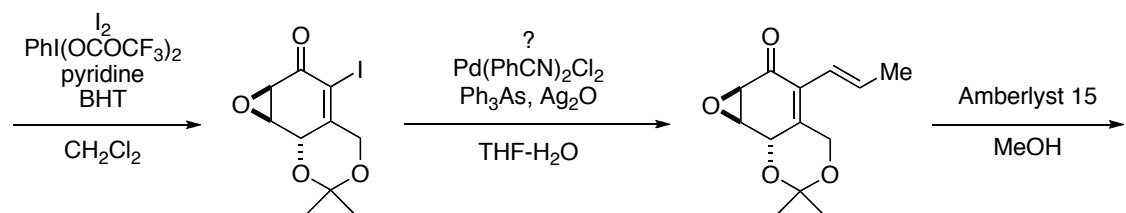
Activity

Anti-angiogenesis (血管新生阻害)

Key Reactions

(A) diastereoselective Diels–Alder reaction,
(B) epoxide formation via iodolactone, (C) hydroxy-directed epoxydation,
(D) biomimetic oxidative dimerization





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- 2) M. Shoji, H. Imai, M. Mukaida, K. Sakai, H. Kakeya, H. Osada, Y. Hayashi, *J. Org. Chem.*, **70**, 79 (2005)
- 3) M. Shoji, Y. Hayashi, *Eur. J. Org. Chem.*, 3783 (2007)