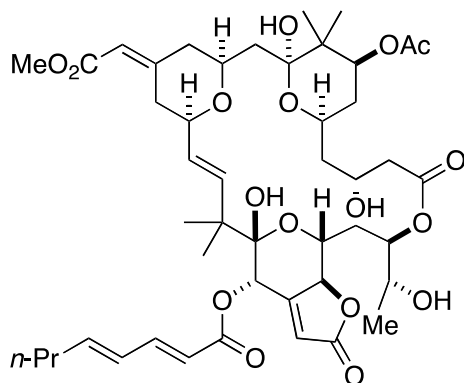


(+)-Bryostatin 3 (170915-TKGP)

S. Yamamura, S. Nishiyama<sup>1)-5)</sup>

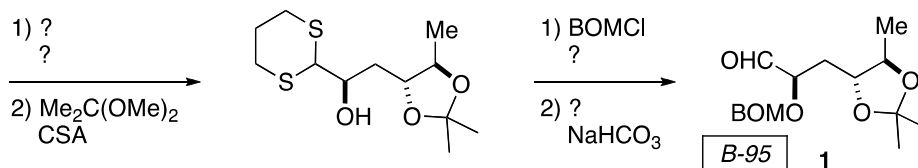
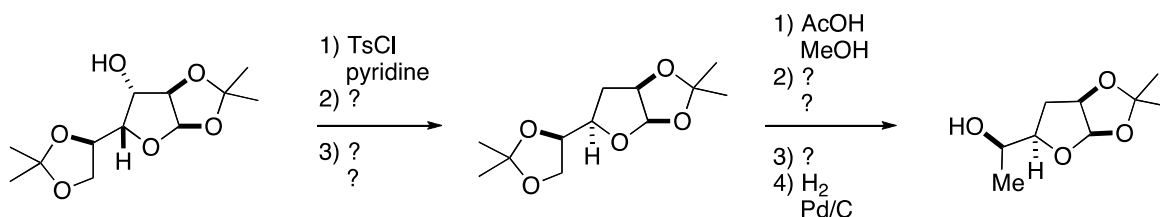


Activity

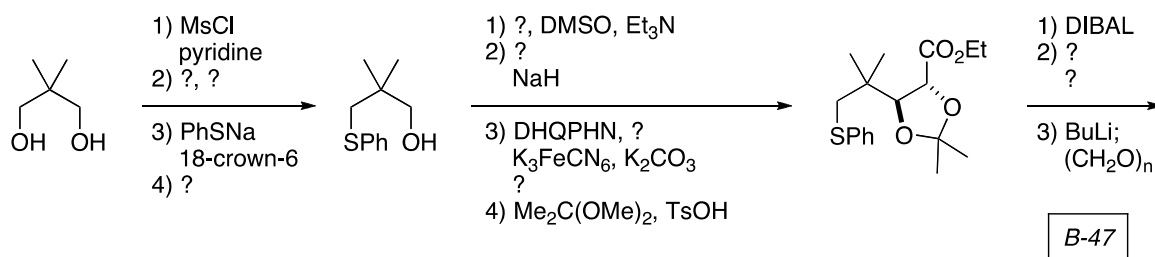
Antineoplastic (抗腫瘍活性), Activation of PKC (PKC 活性化)

Key Reactions

(A) asymmetric dihydroxylation, (B) hydroiodination, (C) chiral enolate, (D) Julia-Lythgoe olefination, (E) removal of allyl ester, (F) Yamaguchi lactonization, (G) selective Horner-Wadsworth-Emmons reaction

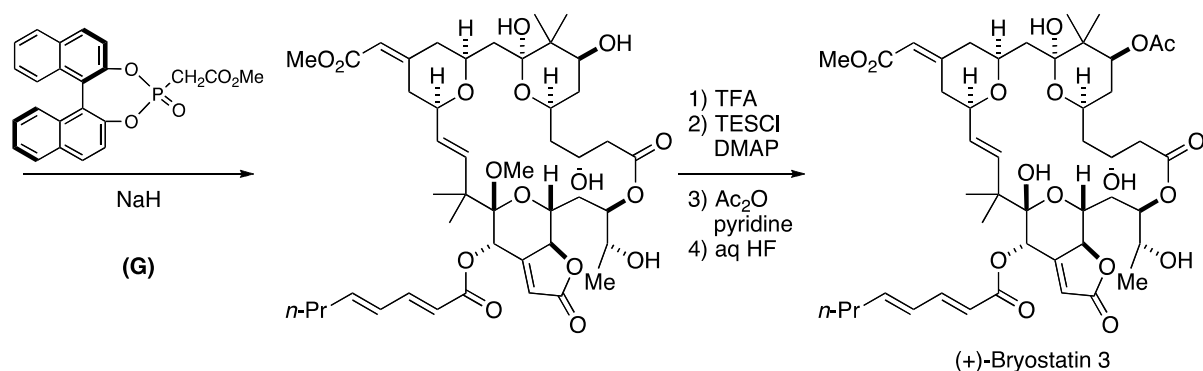
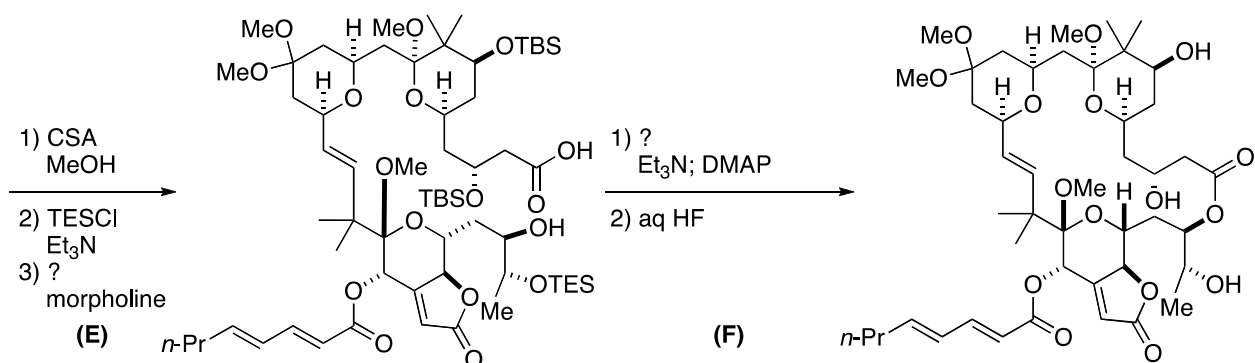
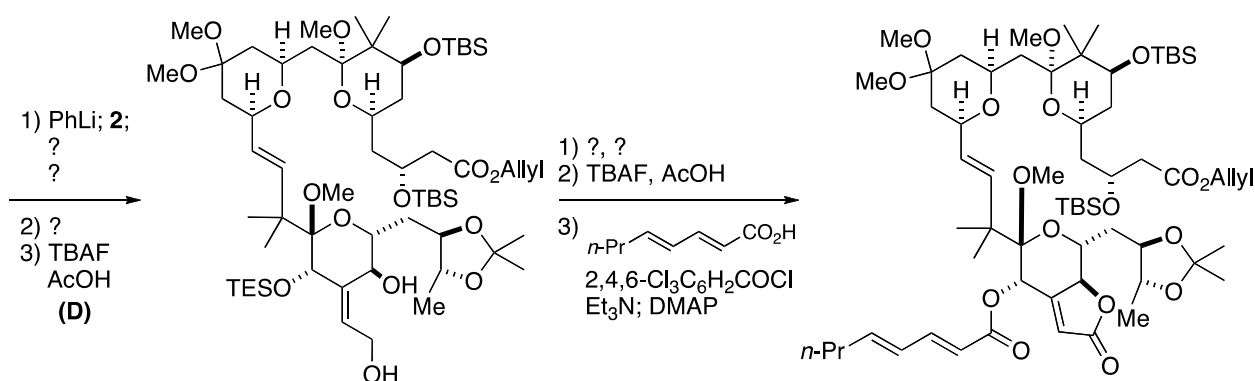
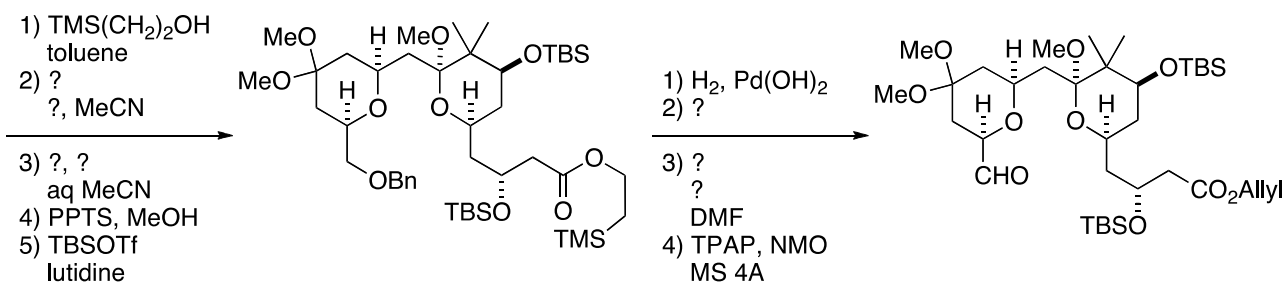


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(A)





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