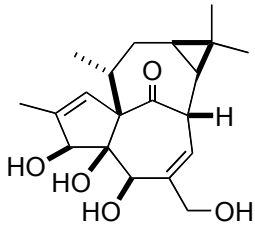
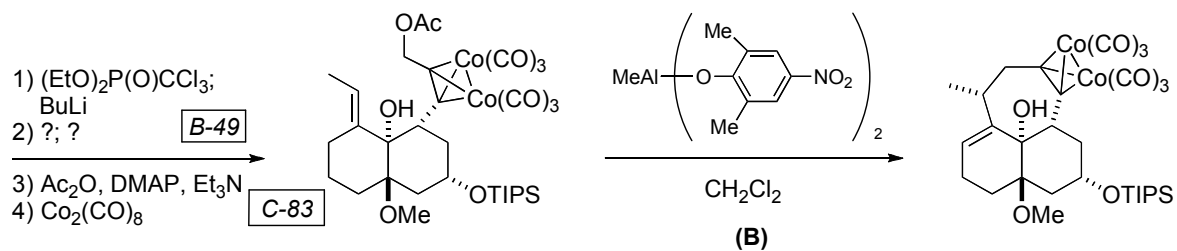
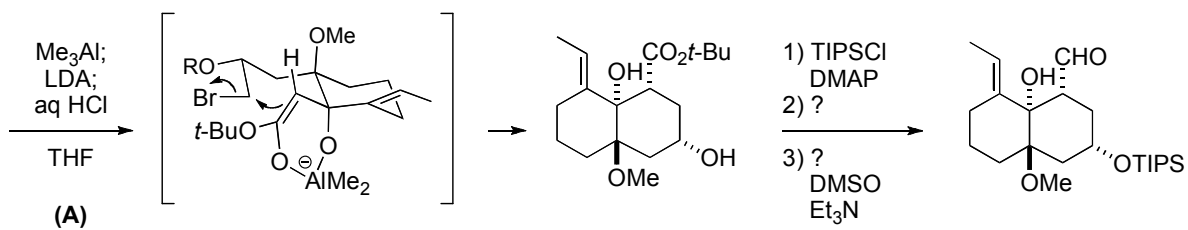
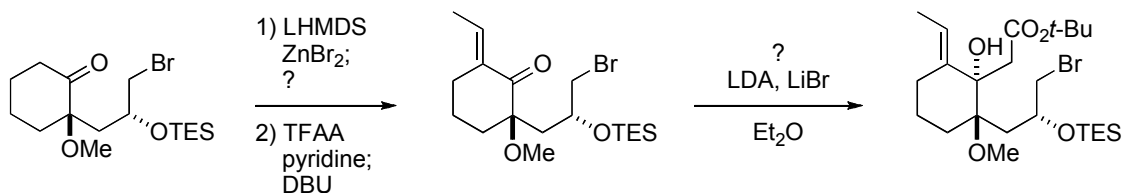
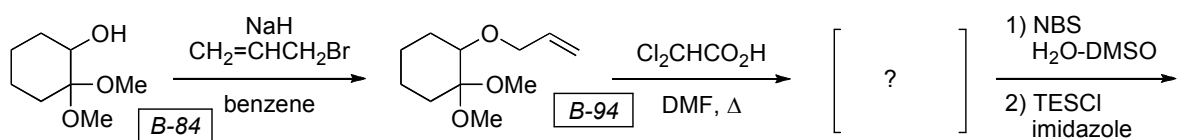
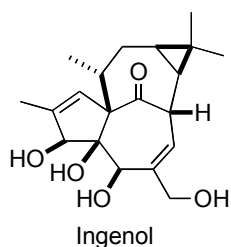
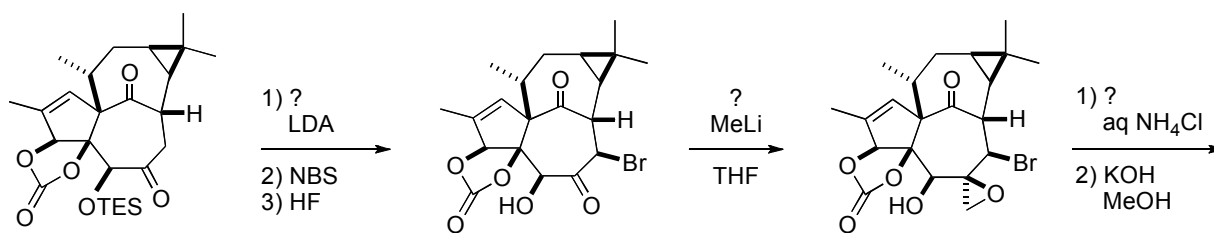
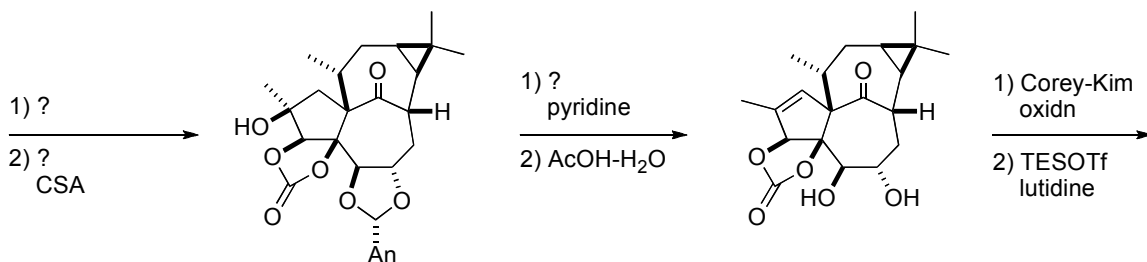
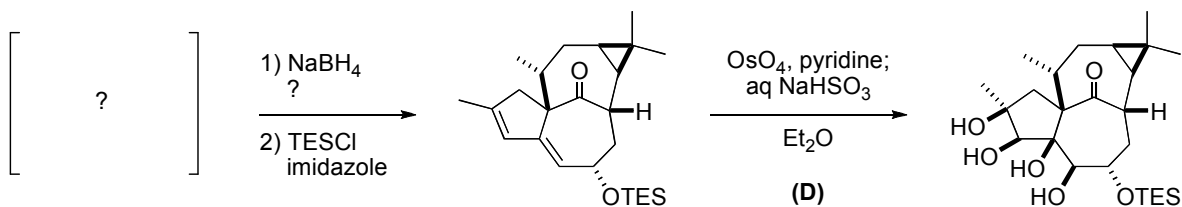
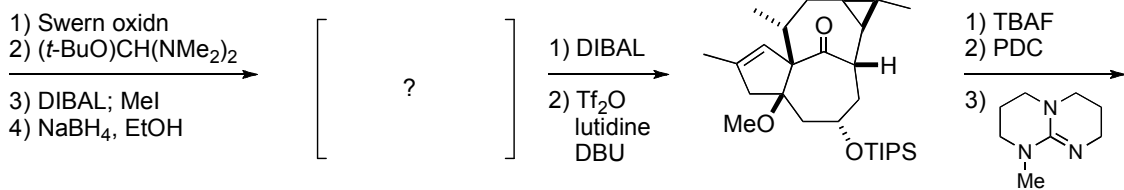
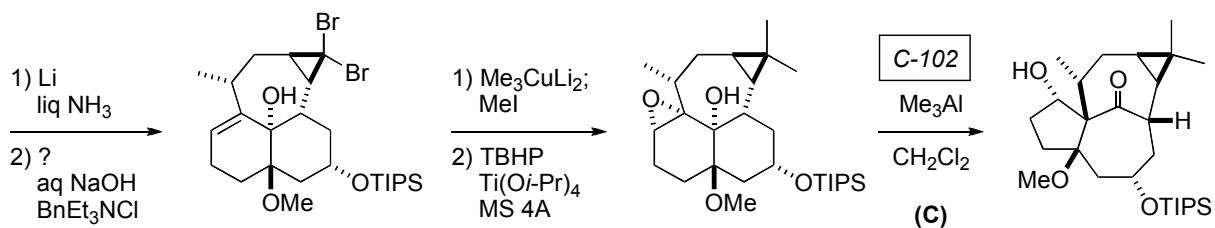


Ingénol		K. Tanino, I. Kuwajima ¹⁾⁻³⁾
		
Activity	Tumor promoting (腫瘍プロモーター活性)	
Key Reactions	(A) chelation-controlled cyclization, (B) electrophilic cyclization, (C) rearrangement reaction, (D) double dihydroxylation	





References:

- 1) T. Nakamura, T. Matsui, K. Tanino, I. Kuwajima, *J. Org. Chem.*, **62**, 3032 (1997)
- 2) K. Tanino, K. Onuki, K. Asano, M. Miyashita, Y. Takahashi, T. Nakamura, I. Kuwajima, *J. Am. Chem. Soc.*, **125**, 1498 (2003)
- 3) I. Kuwajima, K. Tanino, *Chem. Rev.*, **105**, 4661 (2005)