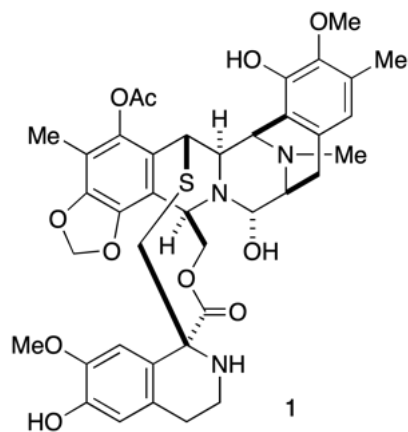


ecteinascidin 743 (200227-TKGP)

T. Fukuyama, T. Kan¹⁾⁻³⁾

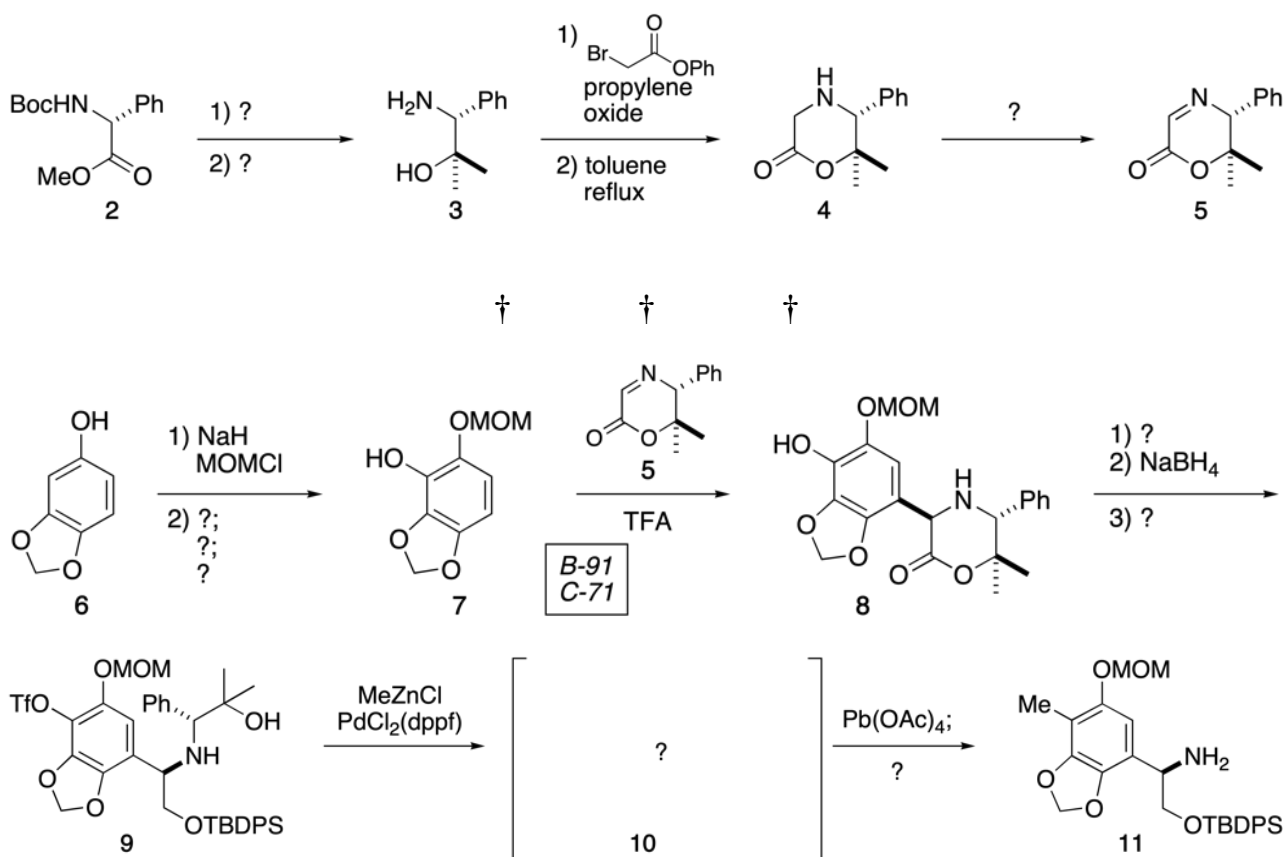


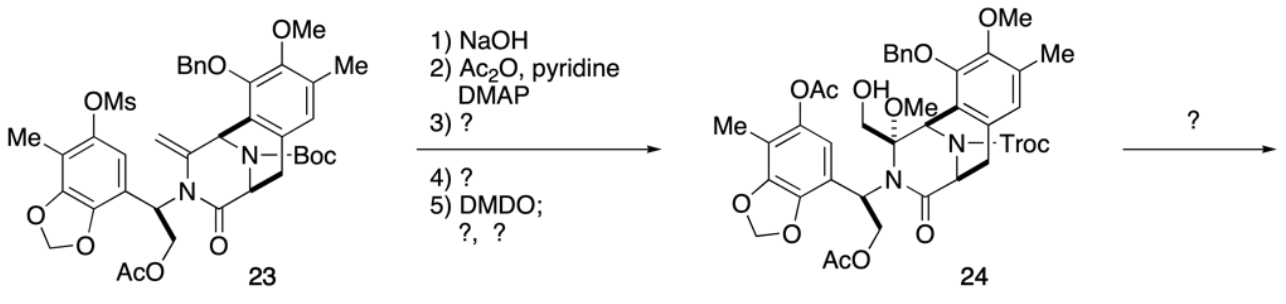
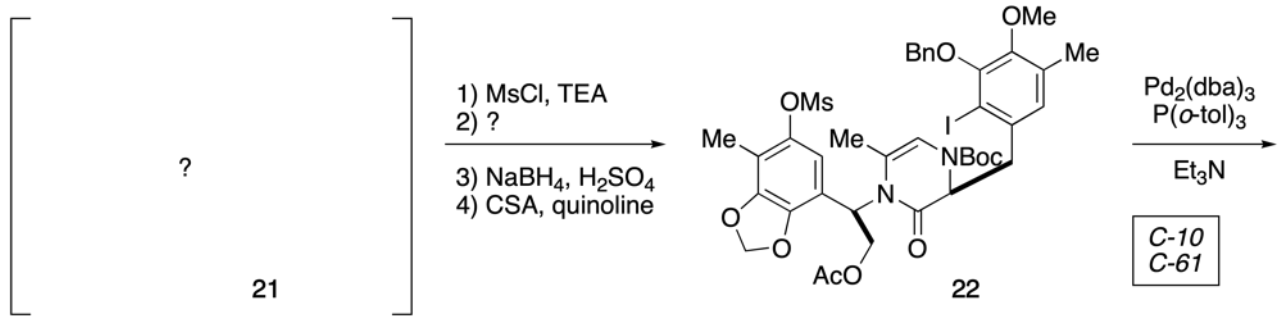
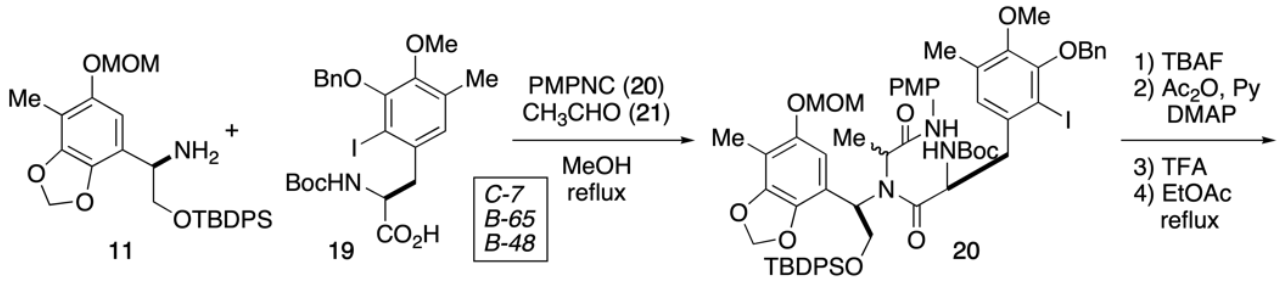
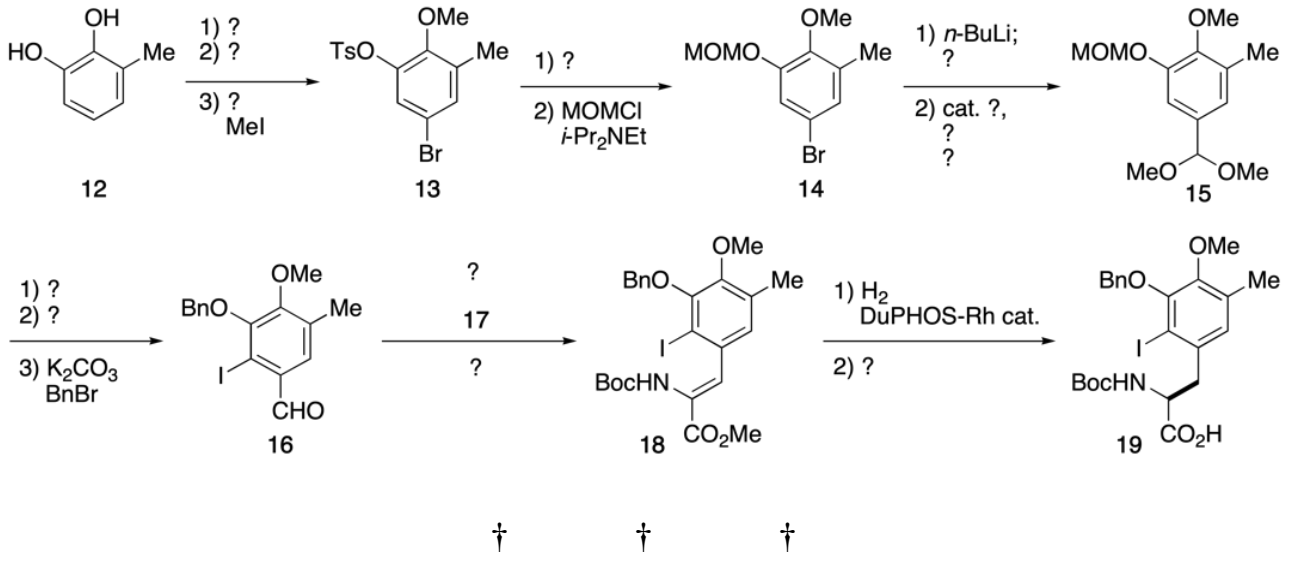
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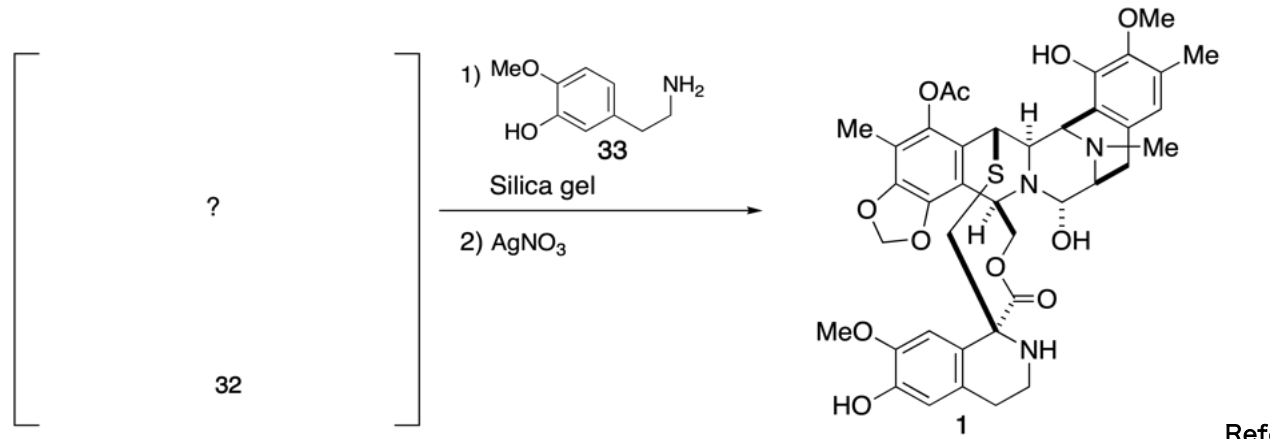
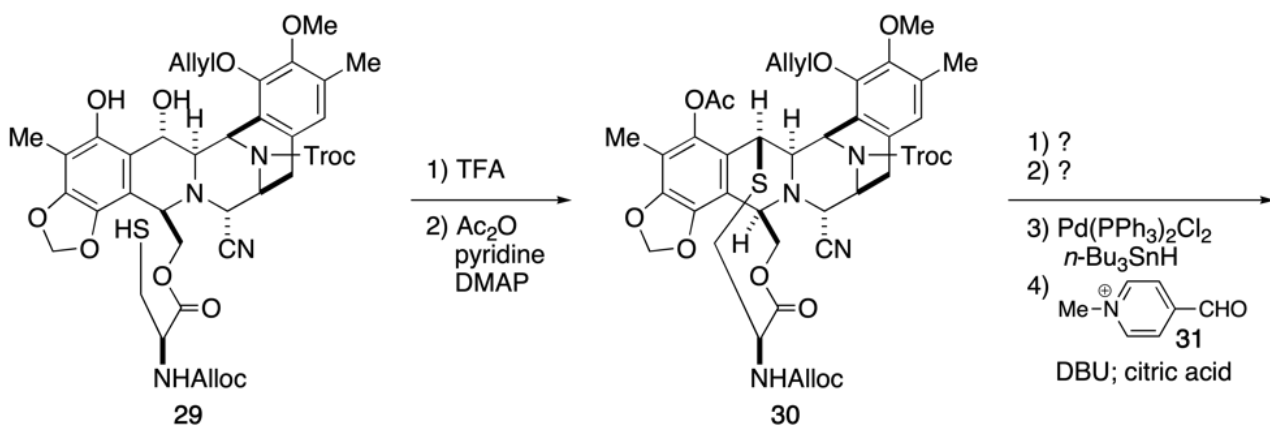
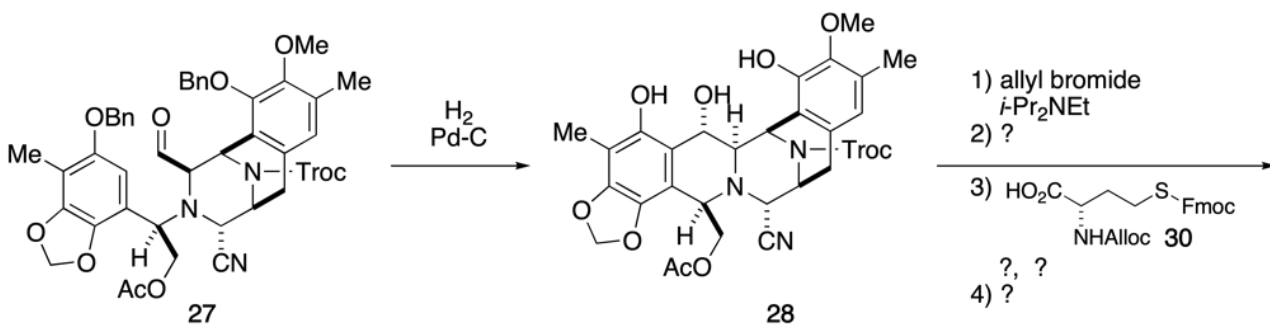
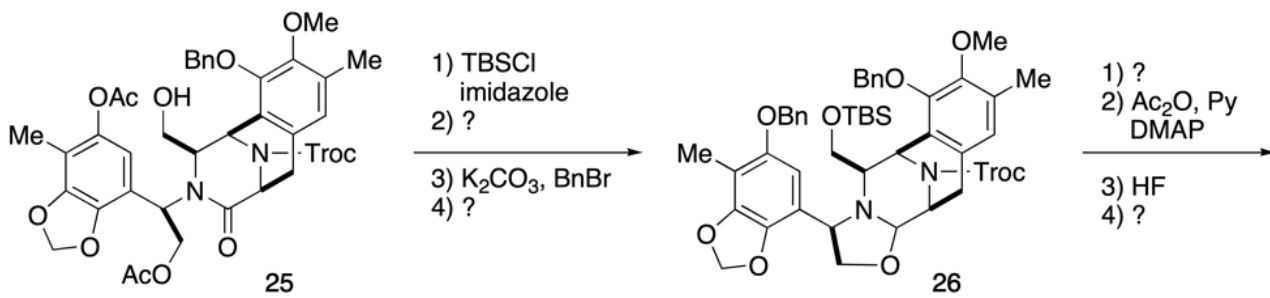
antitumor

Key Reactions

(A) phenylglycine synthesis, (B) Ugi 4CC, (C) intramolecular Heck reaction, (D) phenol-aldehyde cyclization







Refe

rences:

1) 菅 敏幸、有機合成化学協会誌、61, 949-960 (2003)
 2) 菅 敏幸、天然物化学、海洋生物編, p264 (2008)
 2) A. Endo, A. Yanagisawa, M. Abe, S. Tohma, T. Kan, T. Fukuyama, *J. Am. Chem. Soc.*, **124**, 6552 (2002)