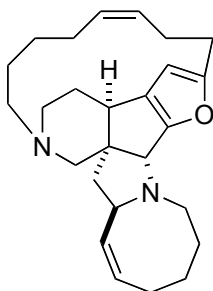


(-)-Nakadomarin A (TKGP-200910)

A. Nishida, K. Ono¹⁾⁻³⁾

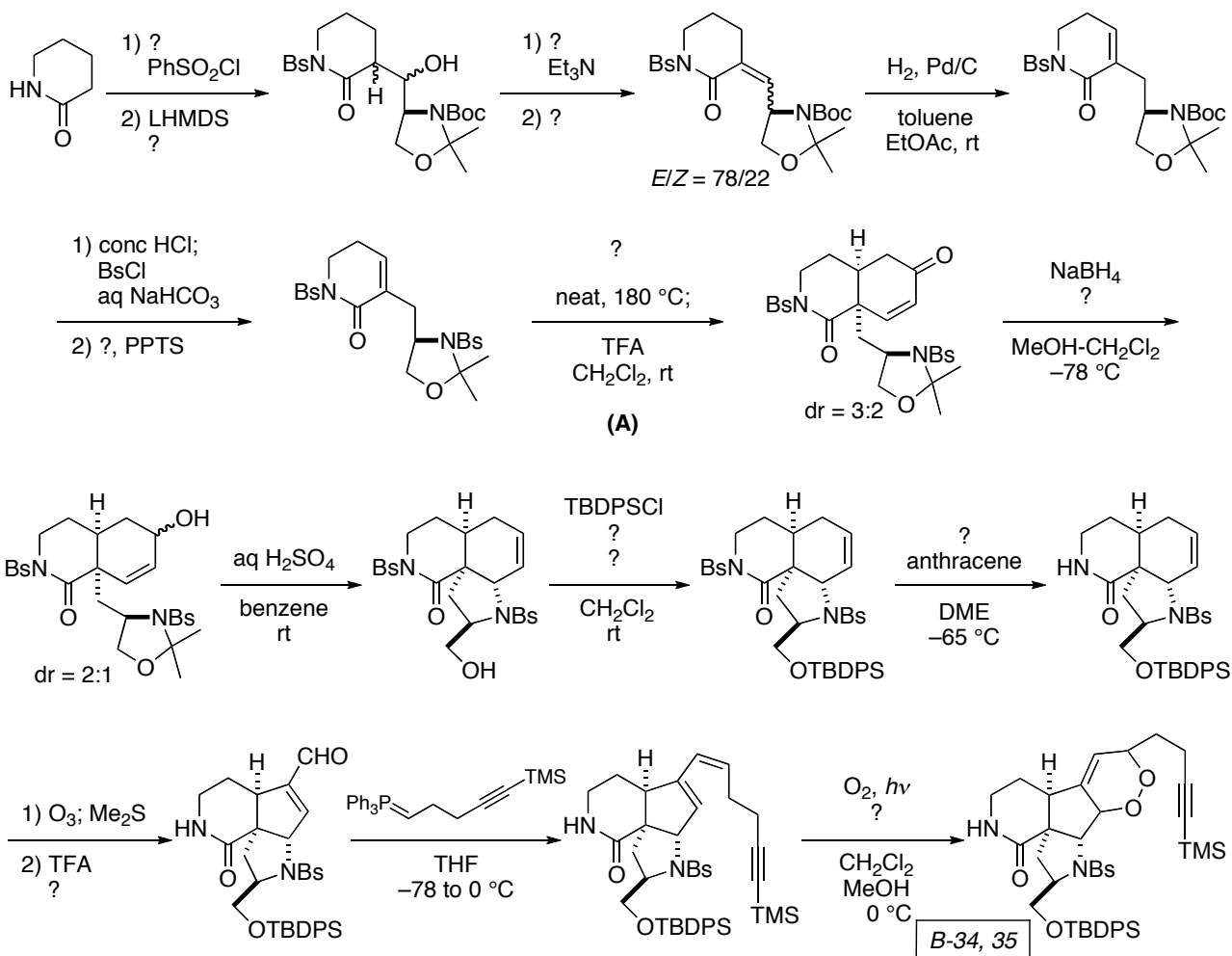


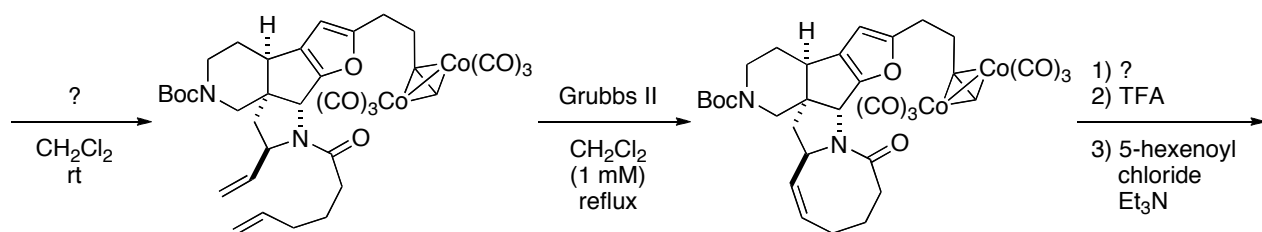
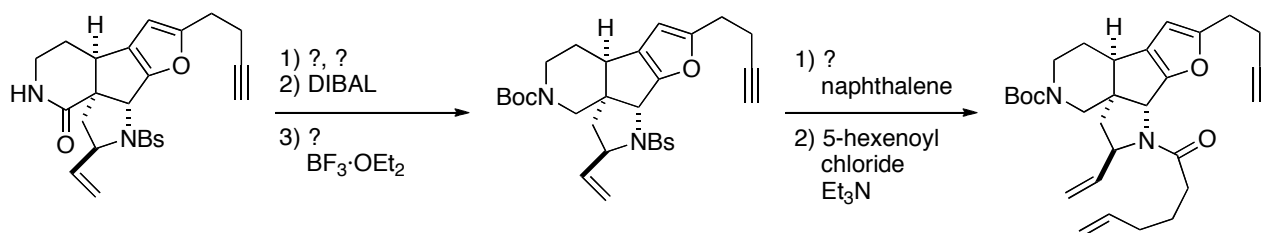
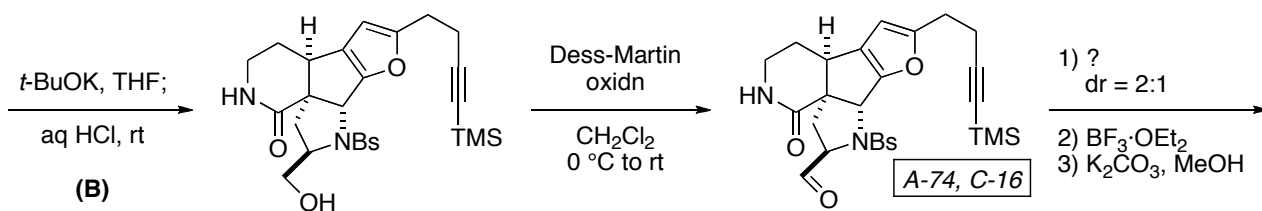
Activity

CDK4 inhibitor (CDK4 阻害剤), Cytotoxic (細胞毒性)

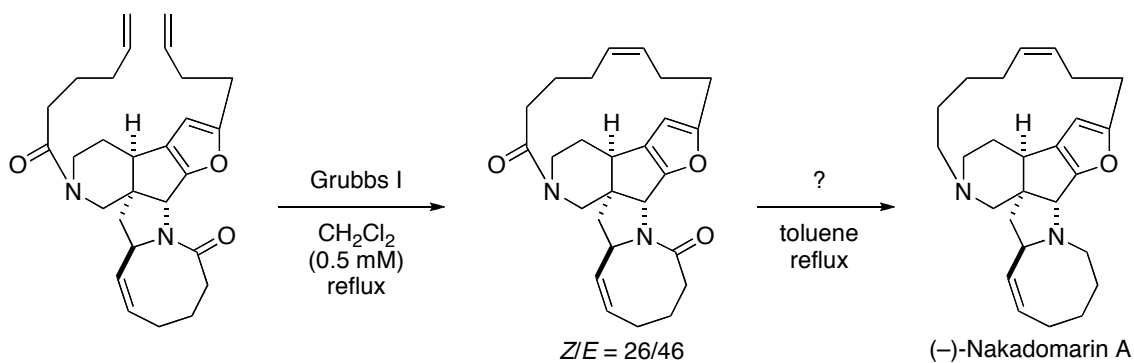
Key Reactions

(A) Diels-Alder reaction, (B) fused furan synthesis from endoperoxide, (C) RCM in the presence of protected alkyne





(C)



References:

- 1) K. Ono, T. Nagata, A. Nishida, *Synlett*, 1207 (2003)
- 2) K. Ono, M. Nakagawa, A. Nishida, *Angew. Chem., Int. Ed.*, **43**, 2020 (2004)
- 3) 中川昌子, 長田敏明, 小野宏司, 西田篤司, *有機合成化学協会誌*, **63**, 200 (2005)