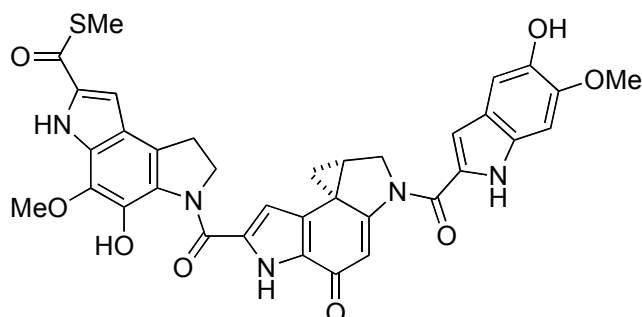


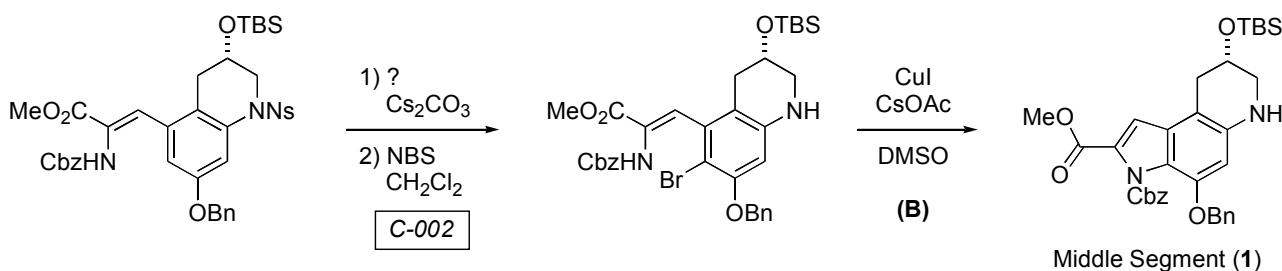
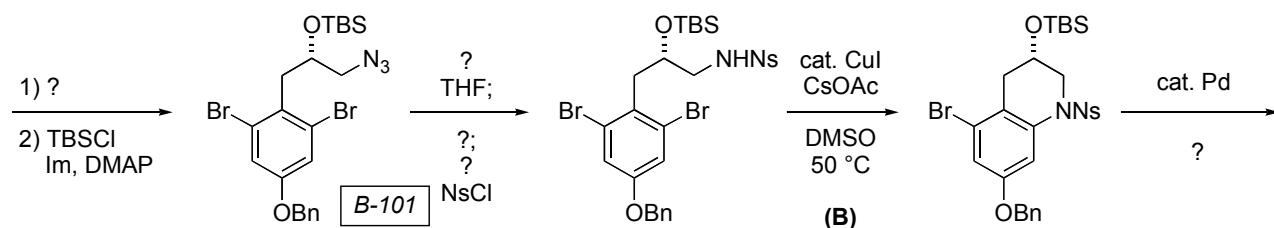
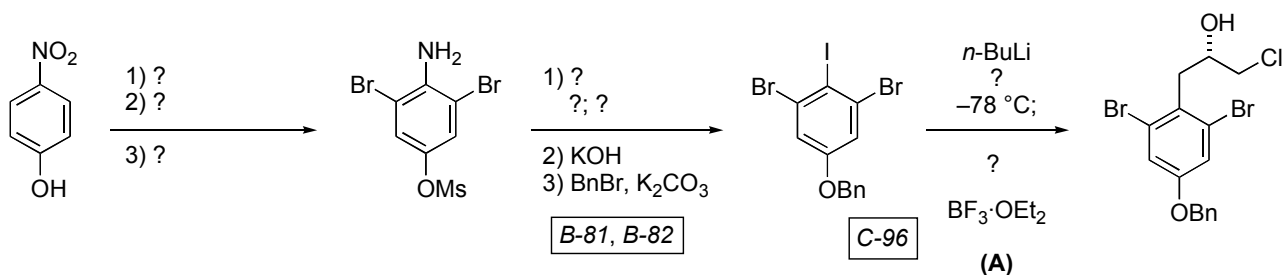
(+)-Yatakemycin (080920TKGP)

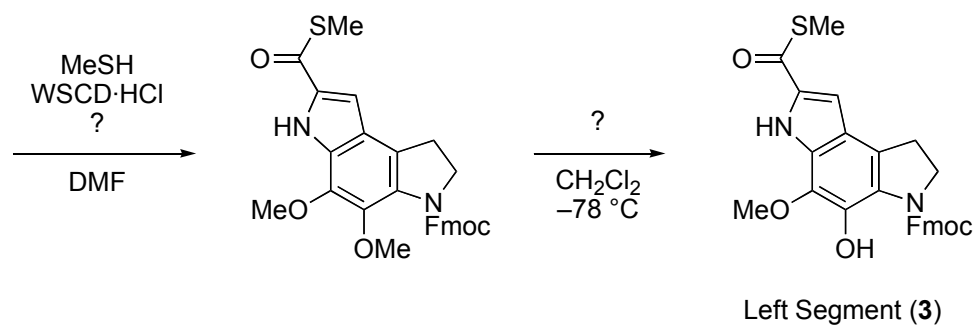
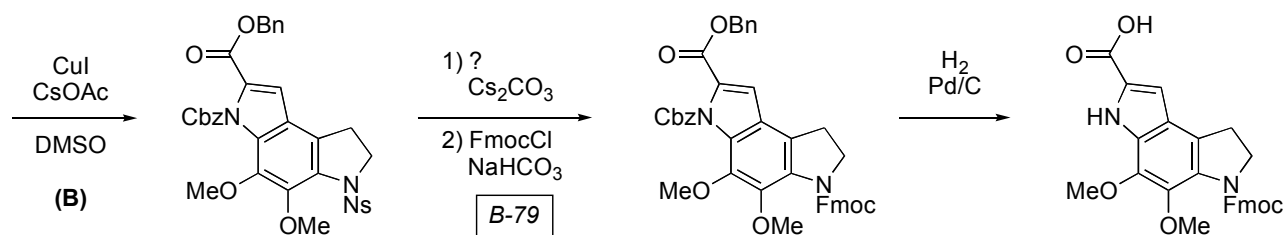
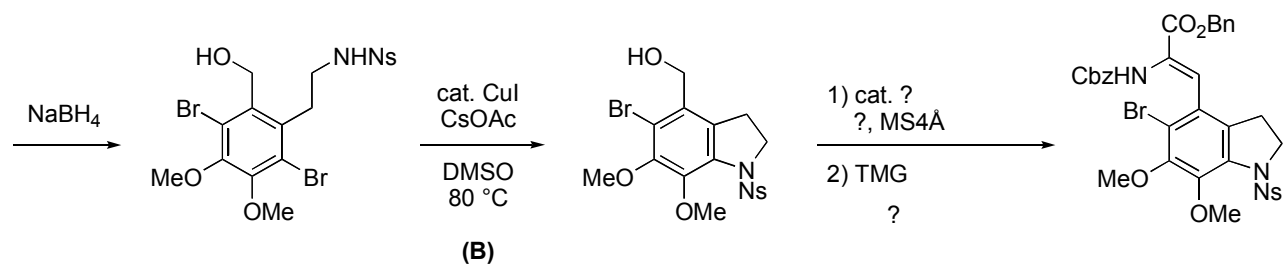
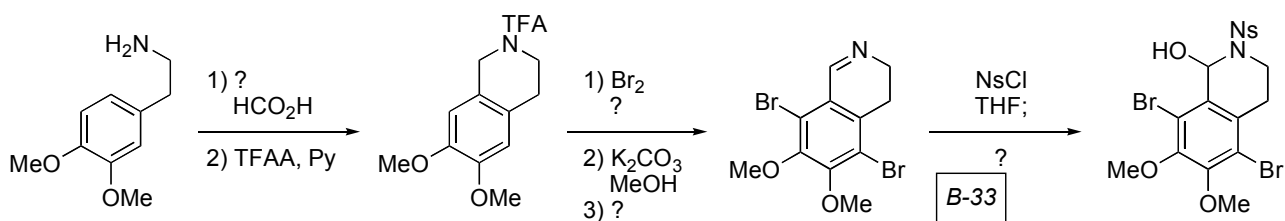
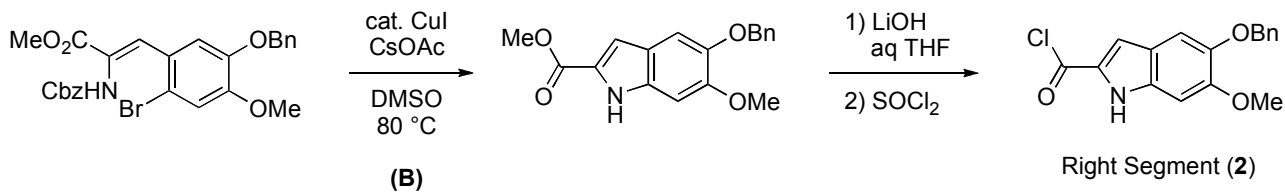
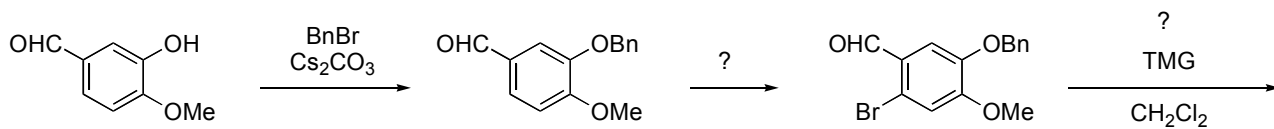
T. Fukuyama^{1,2)}

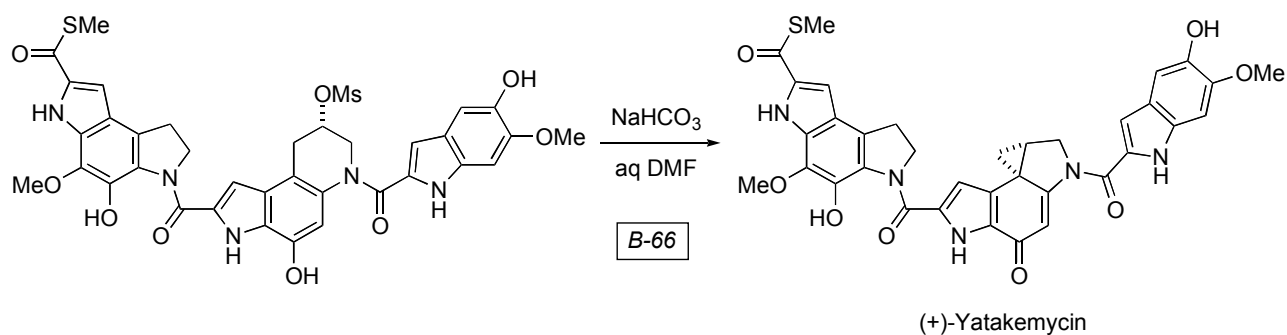
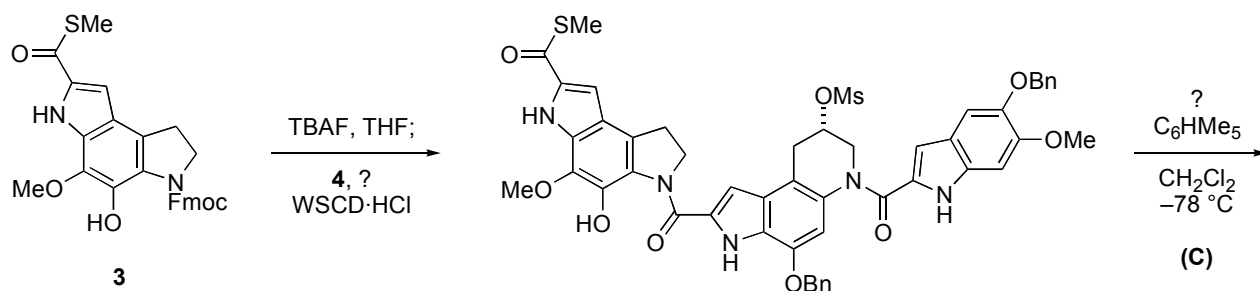
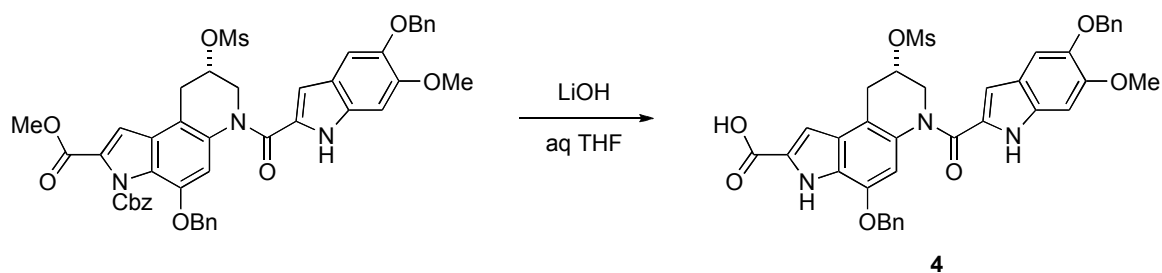
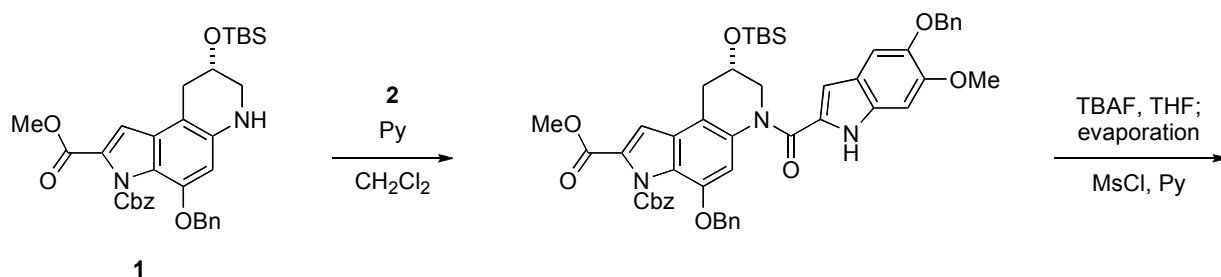


Activity antitumor 抗腫瘍活性

Key Reactions (A) Iodoselective lithiation³⁾ and regioselective ring opening of epichlorohydrin, (B) Copper-mediated intramolecular aryl amination,⁴⁾ (C) Mild debenzoylation with a combination of BCl₃ and non-Lewis-basic pentamethylbenzene⁵⁾







References

- 1) K. Okano, H. Tokuyama, T. Fukuyama, *J. Am. Chem. Soc.*, **128**, 7136 (2006)
- 2) K. Okano, H. Tokuyama, T. Fukuyama, *Chem. Asian. J.*, **3**, 296 (2008)
- 3) K. Yamada, T. Kurokawa, H. Tokuyama, T. Fukuyama, *J. Am. Chem. Soc.*, **125**, 6630 (2003)
- 4) K. Yamada, T. Kubo, H. Tokuyama, T. Fukuyama, *Synlett*, 231 (2002)
- 5) K. Okano, K. Okuyama, T. Fukuyama, H. Tokuyama, *Synlett*, in press (2008)