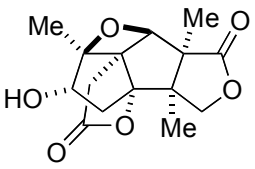
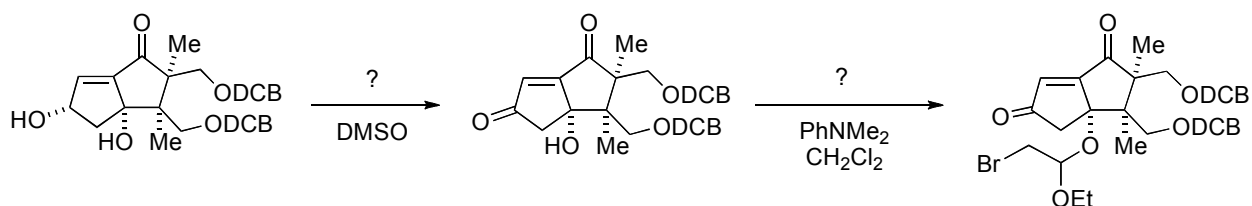
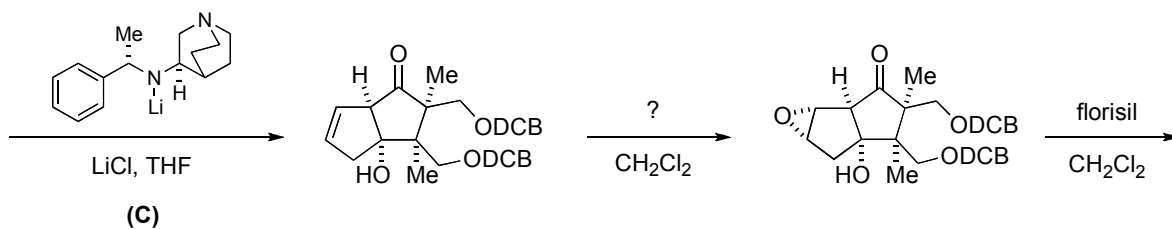
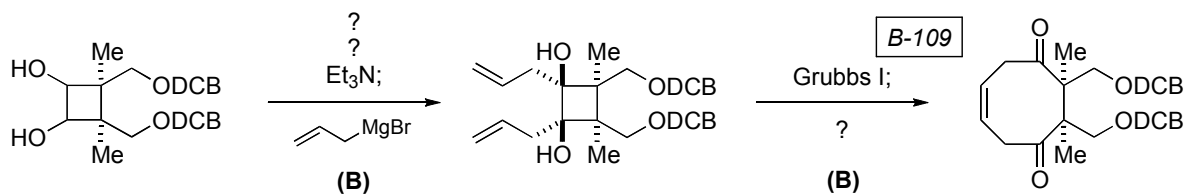
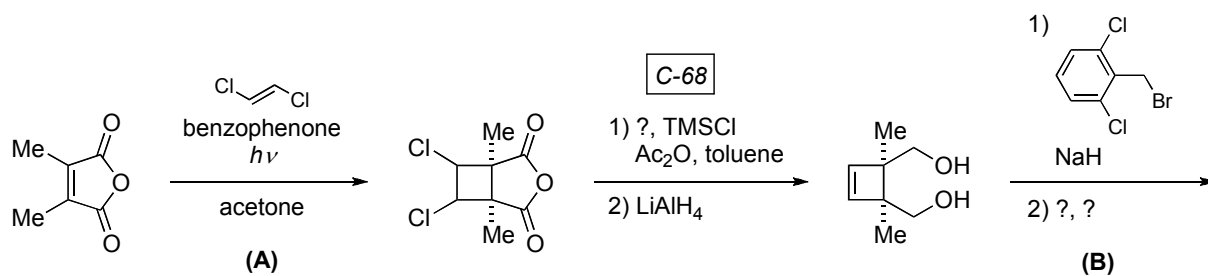
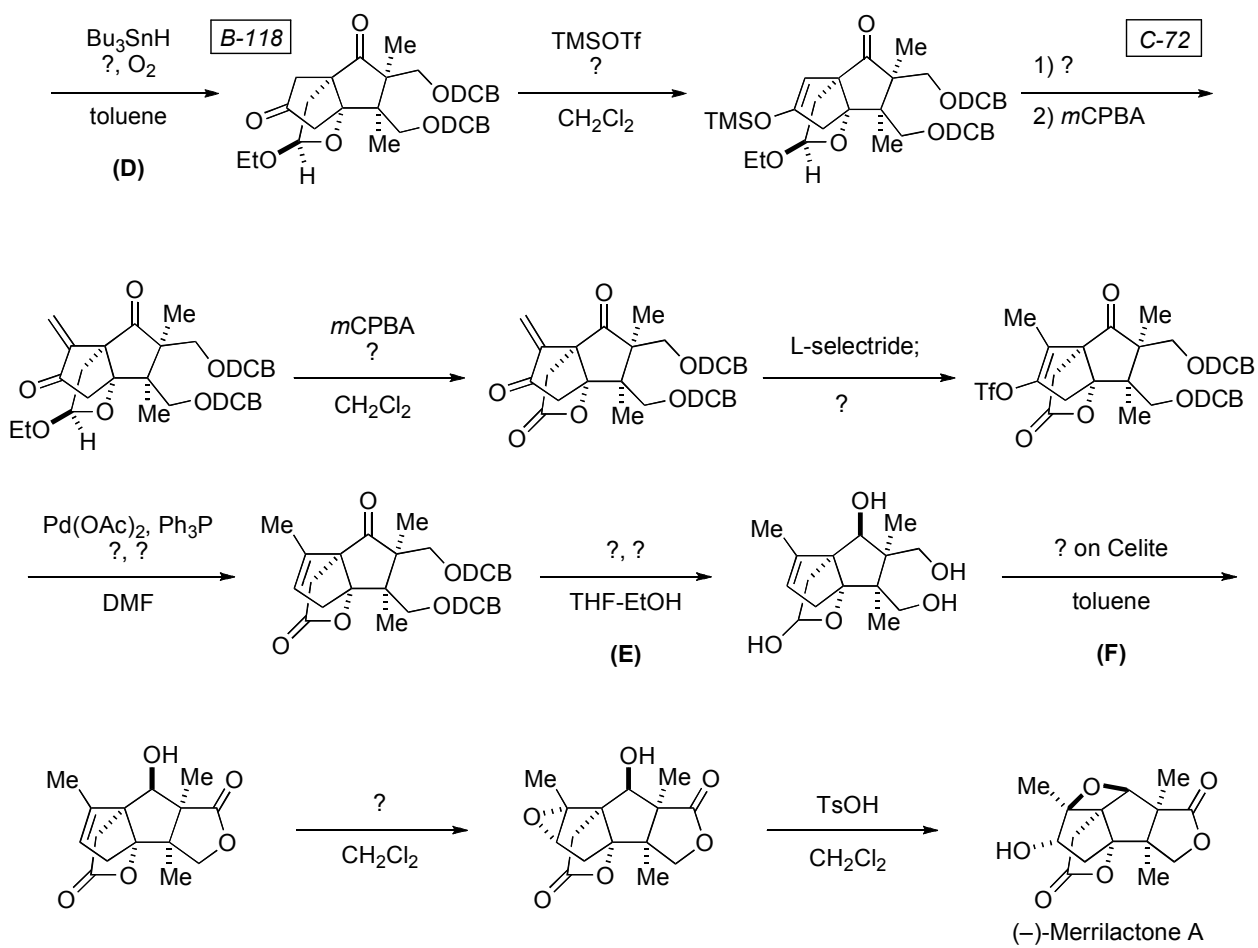


(-)-Merrilactone A (100911-TKGP)	M. Inoue ¹⁾⁻⁴⁾
	
Activity	Neurite outgrowth activity (神経突起伸展活性)
Key Reactions	(A) [2+2] photocycloaddition, (B) pairwise symmetrical functionalization, (C) enantioselective transannular aldol reaction, (D) radical cyclization, (E) Birch reduction, (F) Fetizon oxidation





References:

- 1) M. Inoue, N. Lee, S. Kasuya, T. Sato, M. Hiram, M. Moriyama, Y. Fukuyama, *J. Org. Chem.*, **72**, 3065 (2007)
- 2) M. Inoue, T. Sato, M. Hiram, *Angew. Chem., Int. Ed.*, **45**, 4843 (2006)
- 3) M. Inoue, T. Sato, M. Hiram, *J. Am. Chem. Soc.*, **125**, 10772 (2003)
- 4) 井上将行, 佐藤隆章, 平間正博, 有機合成化学協会誌, **65**, 419 (2007)