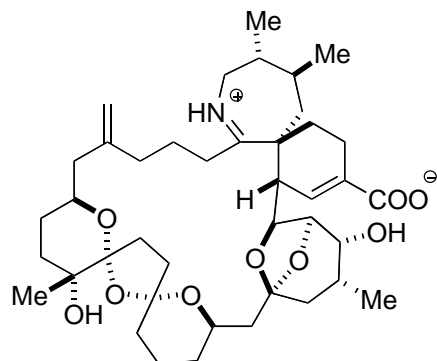


(+)-Pinnatoxin A (121201-TKGP)

M. Hirama¹⁾⁻⁴⁾

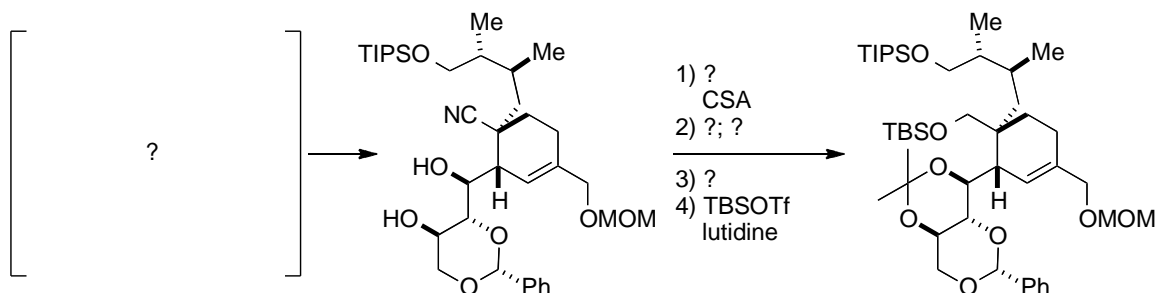
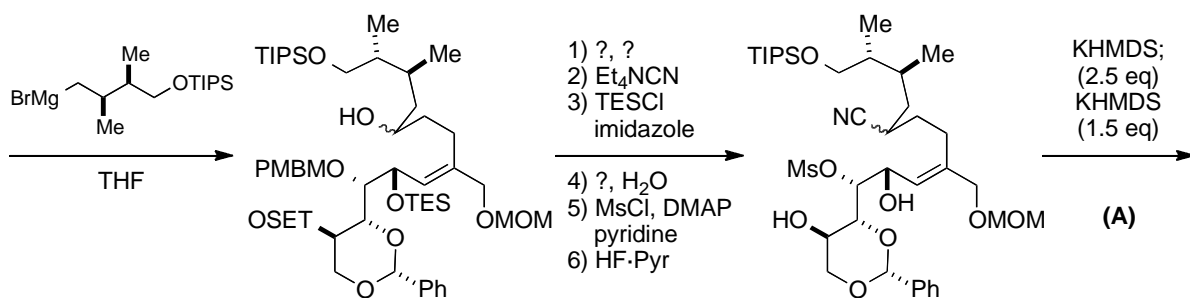
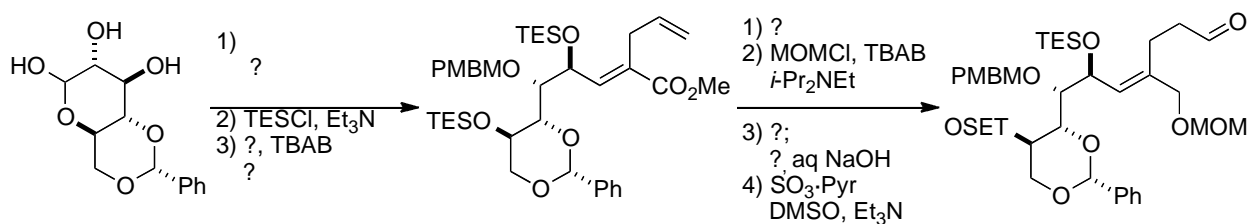


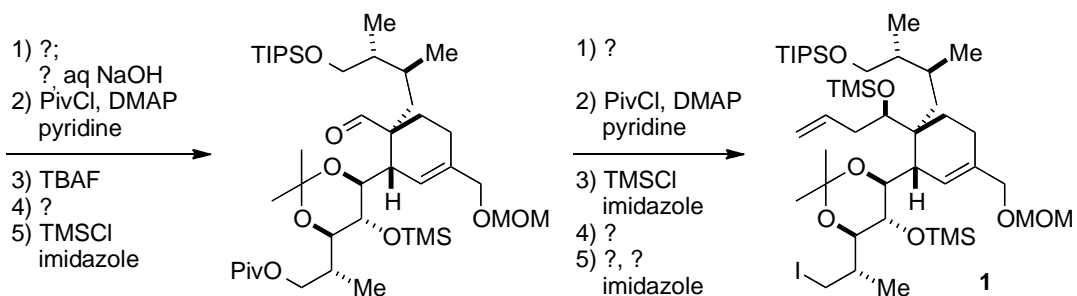
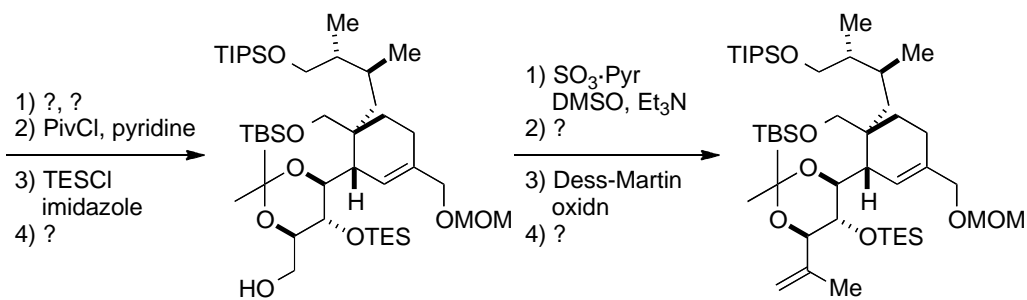
Activity

Neurotoxin (神経毒)

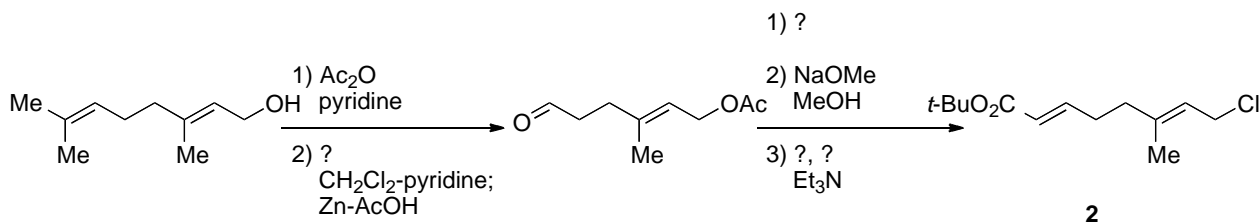
Key Reactions

(A) intramolecular alkylation of epoxynitrile,
 (B) stereoselective bis-acetalization, (C) dithiane coupling,
 (D) ring-closing olefin metathesis, (E) stereoselective ketal formation

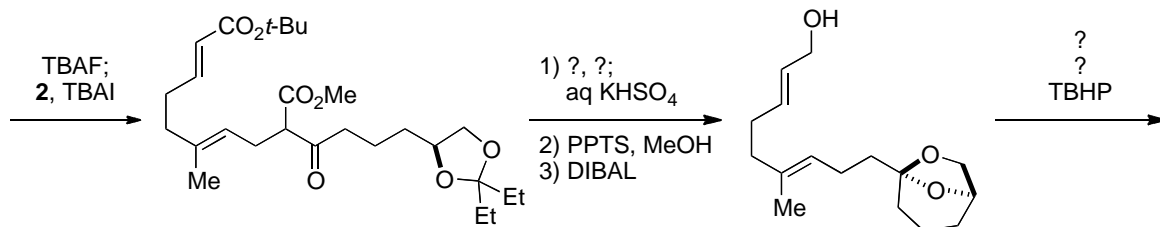
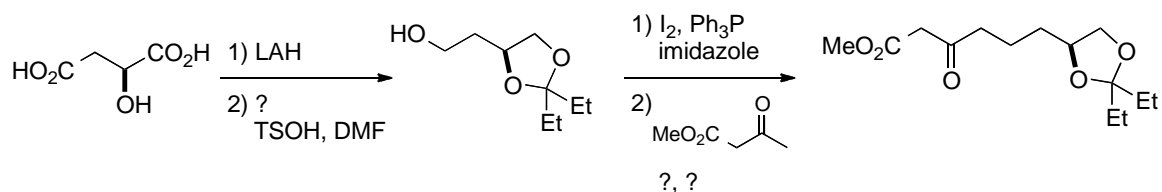


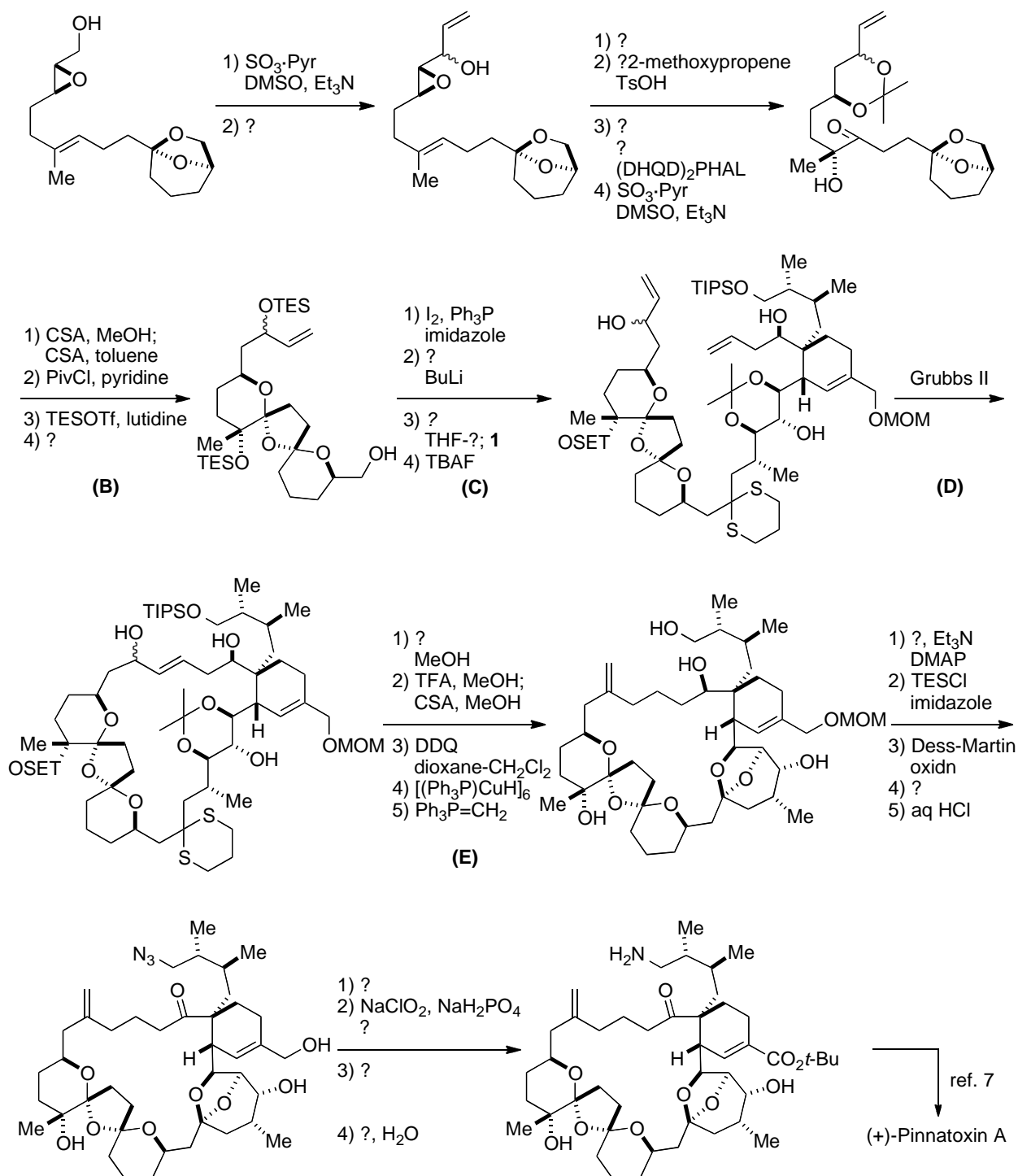


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