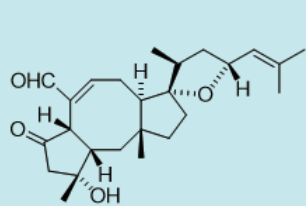
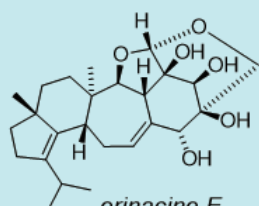


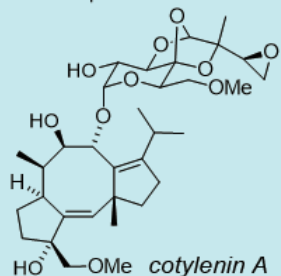
Total Synthesis



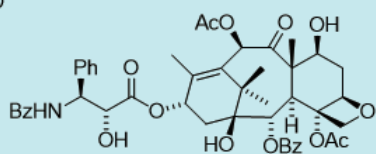
ophiobolin A
apoptosis inducer



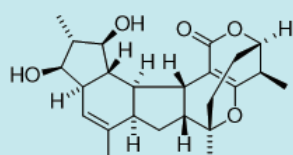
erinacine E
stimulators of NGF synthesis
selective κ -opioid receptor agonist



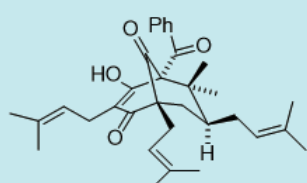
cotylenin A
anti-tumor drug candidate



taxol
anti-tumor drug



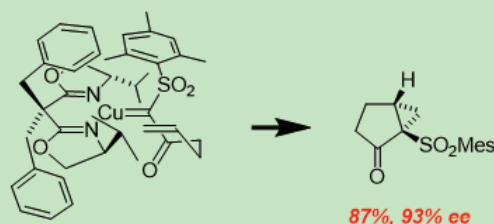
FR182877
anti-tumor compound



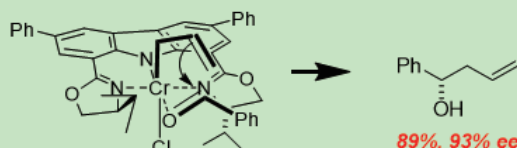
nemorosone
anti-HIV and anti-tumor compound

Catalysis

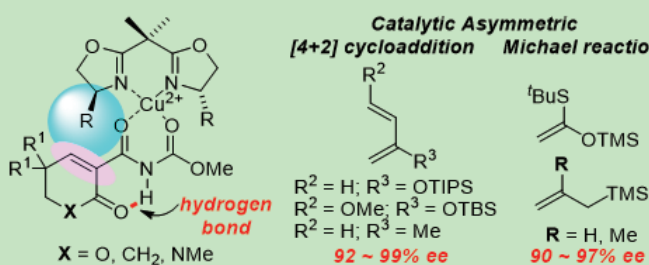
Catalytic Asymmetric Intramolecular Cyclopropanation



Catalytic Asymmetric Chromium-Catalyzed Allylation



Catalytic Asymmetric [4+2] cycloaddition Michael reaction



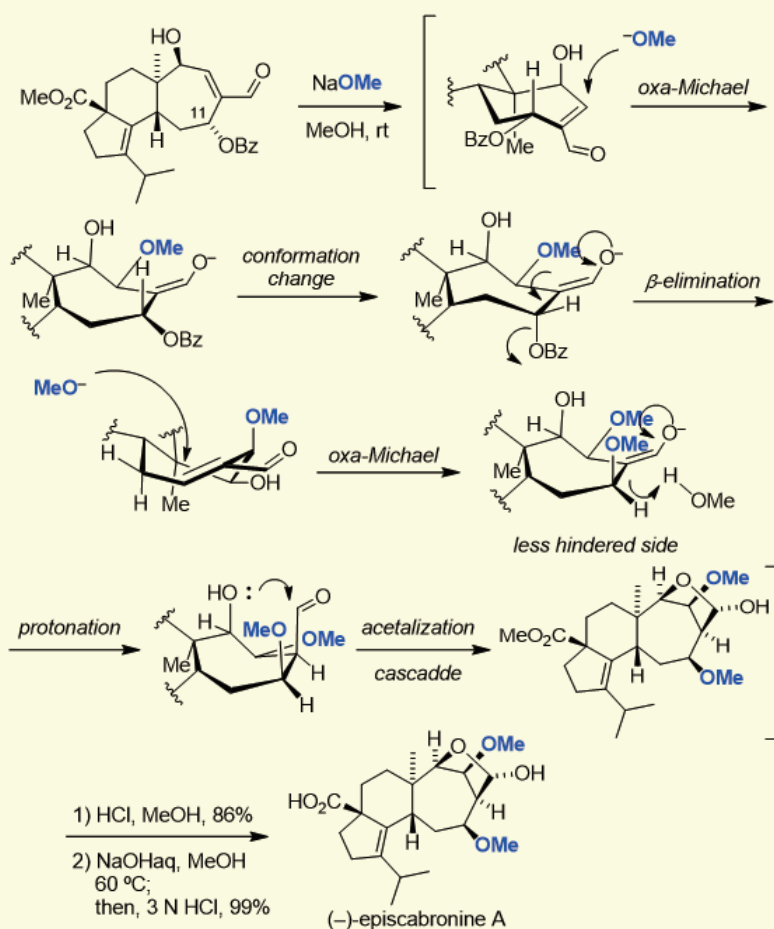
有機合成



Nakada lab.

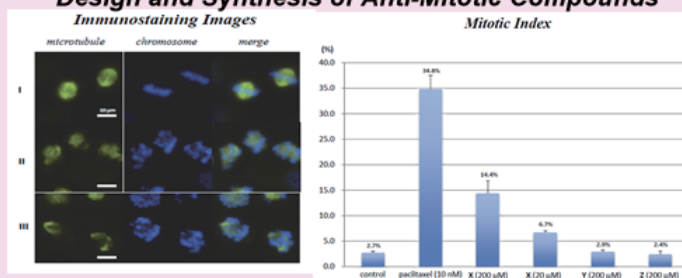
Department of Chemistry and Biochemistry, Waseda University

Cascade Reaction

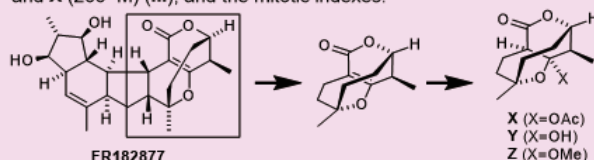


Bioactive Molecules

Design and Synthesis of Anti-Mitotic Compounds



Immunostaining images obtained using control (I), paclitaxel (10 nM) (II), and X (200 μM) (III), and the mitotic indexes.



NGF Inducing Activity of Scabronine Derivatives

