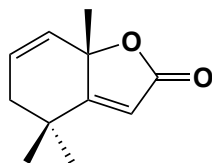
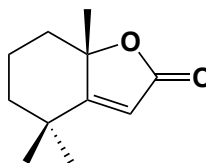


Actinidiolide (TKGP-210212-1)

Kenji Mori¹⁾



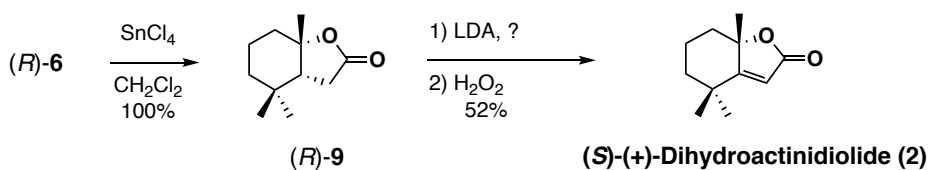
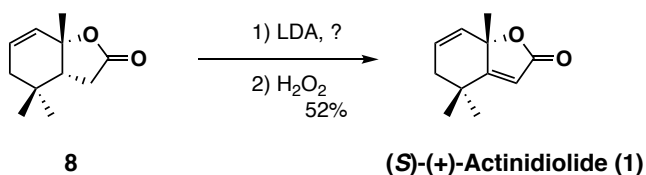
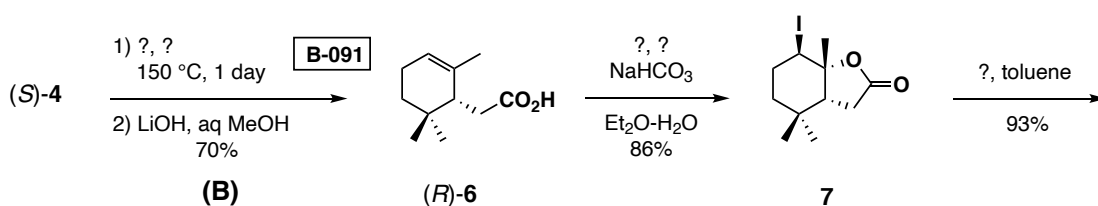
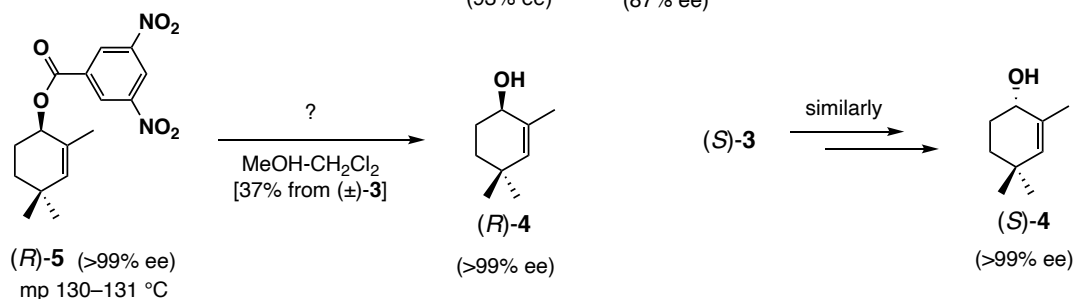
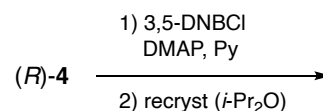
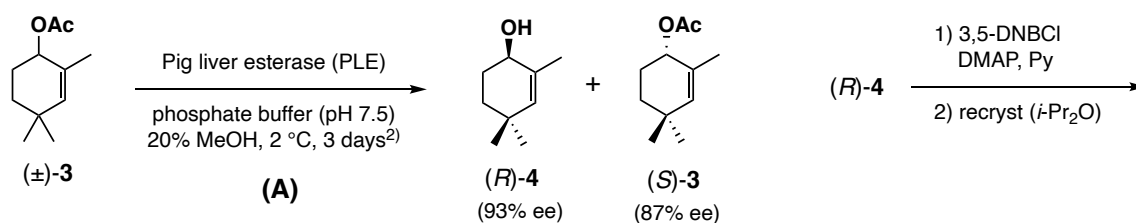
(S)-(+)-Actinidiolide (1)



(S)-(+)-Dihydroactinidiolide (2)

Activities: (1) and (2) Cat attractants; (2) Component of the fire ant queen recognition pheromone

Key Reactions: A) Lipase-catalyzed kinetic resolution B) Orthoester Claisen rearrangement



References: 1) Mori, K.; Khlebnikov, V. *Liebigs Ann. Chem.* **1993**, 77.
 2) Mori, K.; Puapoomchareon, P. *Liebigs Ann. Chem.* **1991**, 1053.