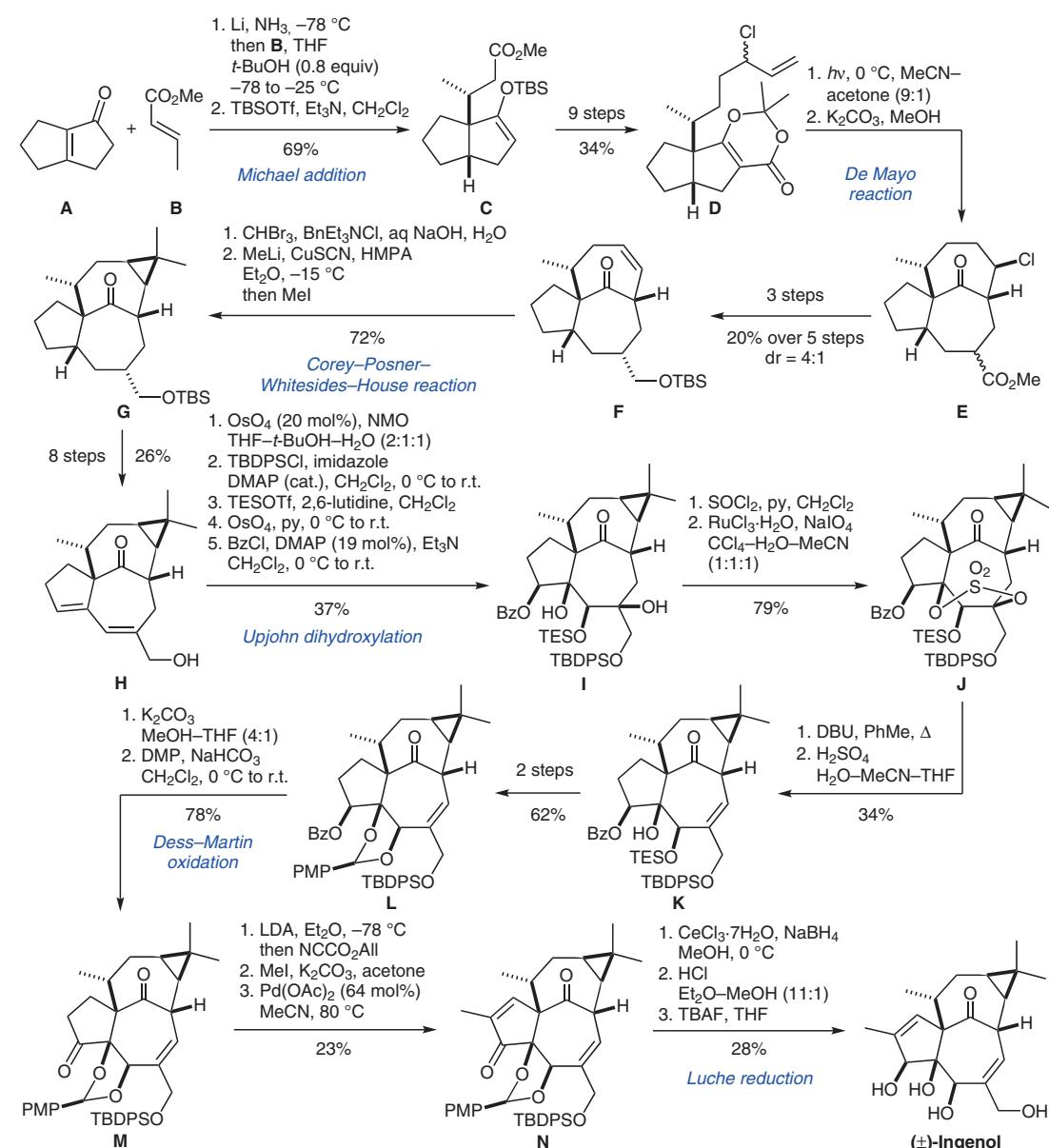


Synthesis of (\pm)-Ingenol



Significance: Winkler and co-workers report the first total synthesis of (\pm)-ingenol, a structurally complex and polyoxygenated diterpenoid. Ingenol and its derivatives represent a vital class of natural products which found application in myriads of therapeutic areas *inter alia* oncology and immunology.

Comment: Synthetic endeavors started from enone A and methyl crotonate. The tricyclic core was rapidly assembled in a De Mayo reaction to yield the challenging *trans*-intrabridgehead stereochemistry. A series of oxidations furnished the desired natural product.