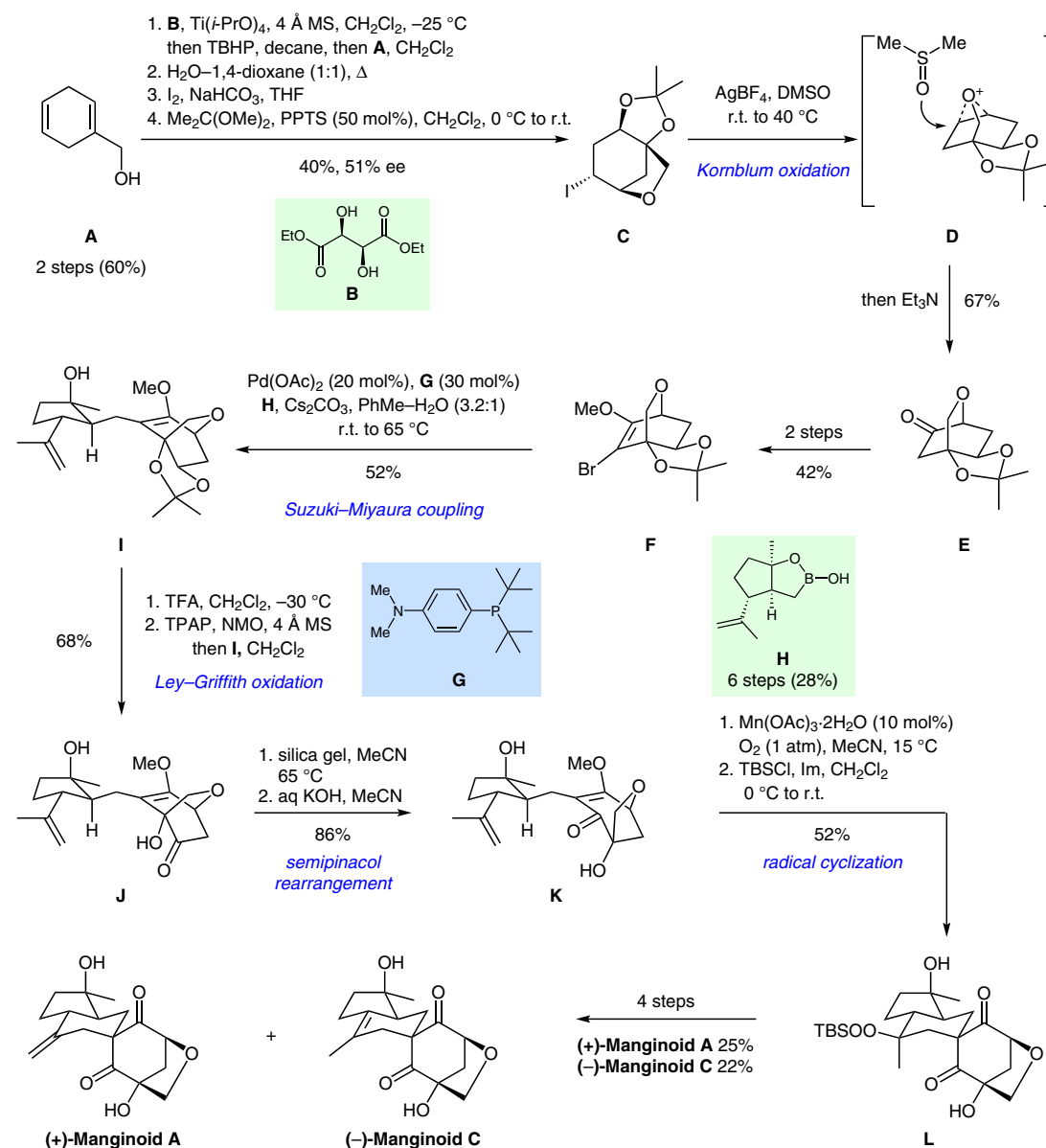


Synthesis of (+)-Manginoid A and (-)-Manginoid C



Significance: Xu, Lou, and co-workers report the synthesis of manginoid and guignardone meroterpenoids. The highly oxygenated natural products feature a 6-oxabicyclo[3.2.1]octane skeleton. Isolated from the fungus *Guignardia mangiferae*, they display diverse biological activities.

Comment: Kornblum oxidation of iodide **C** afforded unexpected ketone **E**. Pd-catalyzed coupling gave rise to alcohol **I**. Ketone **J** underwent semipinacol rearrangement to afford pivotal ketone **K**. Radical cyclization gave rise to peroxide **L**, completing the carbon skeleton of the natural product.