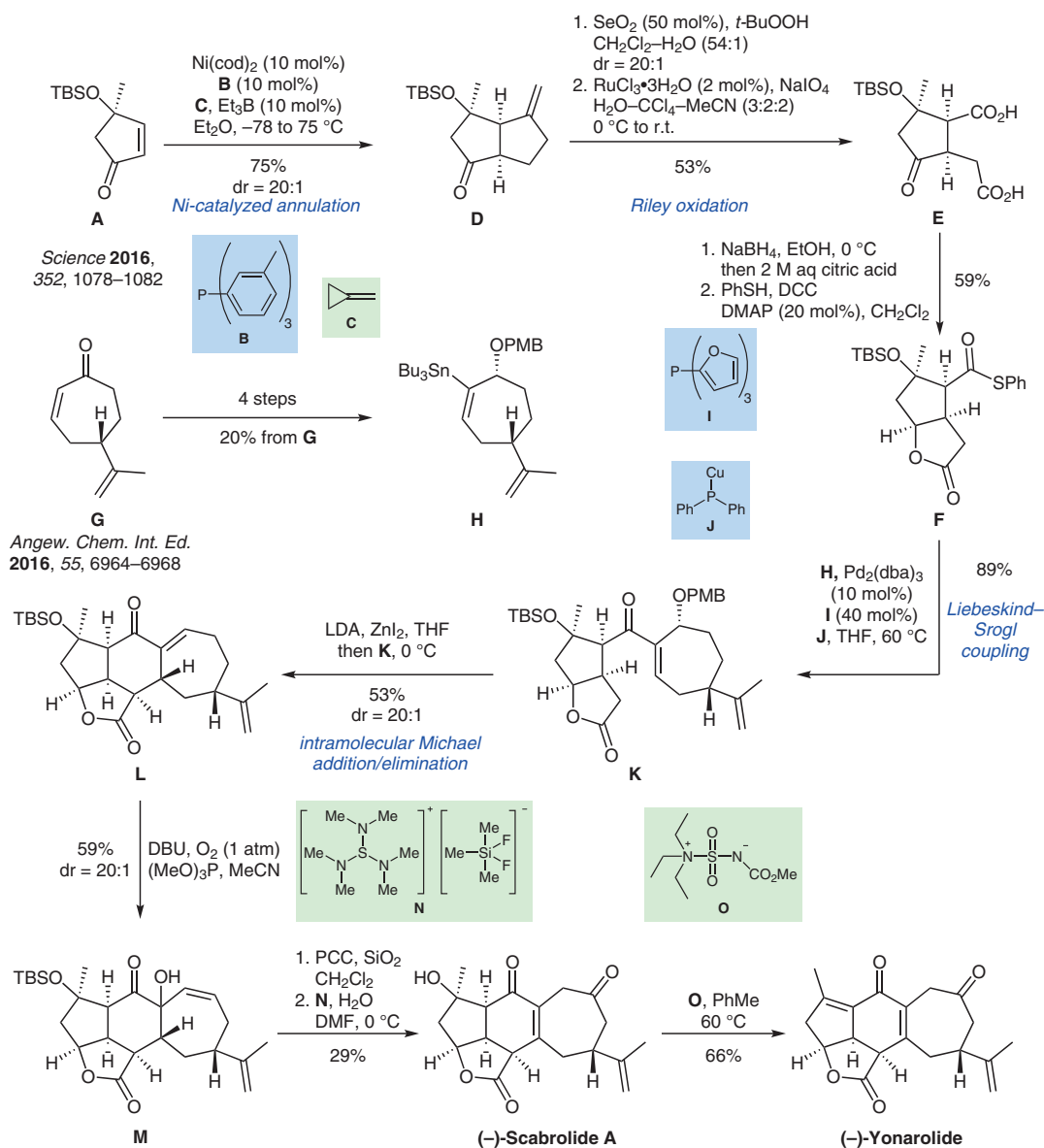


Syntheses of (–)-Scabrolide A and (–)-Yonarolide



Significance: Sarlah and co-workers report the total syntheses of (–)-scabrolide A and (–)-yonarolide, two norcembranoid terpenoids. The natural products feature a 5/6/7-fused carbocyclic ring system and an additional γ -lactone.

Comment: Bicyclic lactone **F** is accessed by Ni-catalyzed annulation using cyclopropane **C** and subsequent fragmentation. The two building blocks **F** and **H** were fused in a Liebeskind–Srogl coupling. An intramolecular Michael addition elimination cascade using a zinc-amido base furnishes enone **L**.