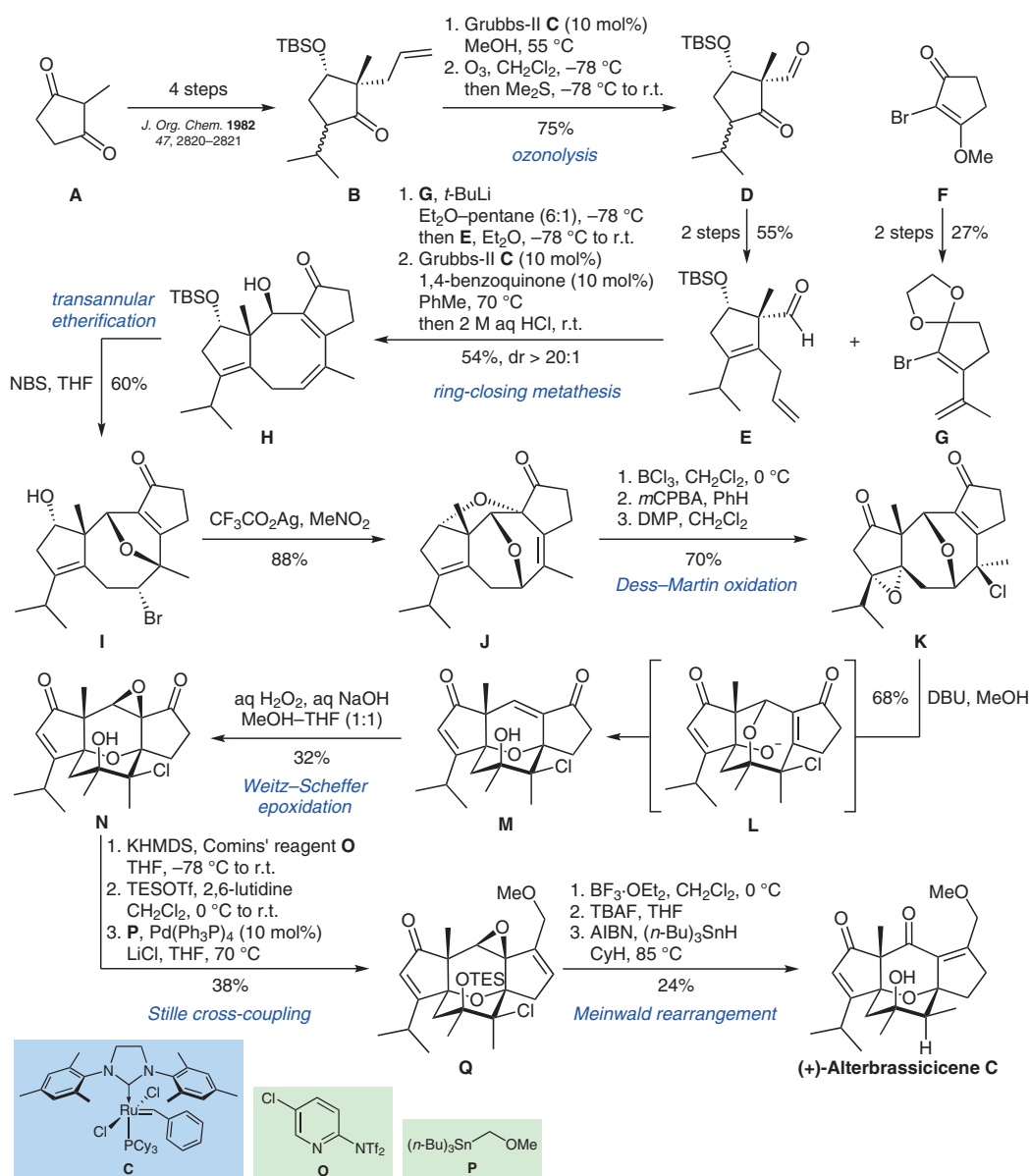


Synthesis of (+)-Alterbrassicene C



Significance: Wood and co-workers report an asymmetric total synthesis of (+)-alterbrassicene C, a fusicoccane diterpenoid isolated from the fungal plant pathogen *Alternaria brassicicola*.

Comment: BCl₃-catalyzed diastereoselective opening of tetrahydrofuran J in S_N2'-fashion followed by conjugate addition furnishes the unprecedented tetracyclic oxa-bridged ring system of (+)-alterbrassicene C. BF₃-catalyzed Meinwald rearrangement establishes the second enone functionality, after which the natural product could be obtained in two further steps.