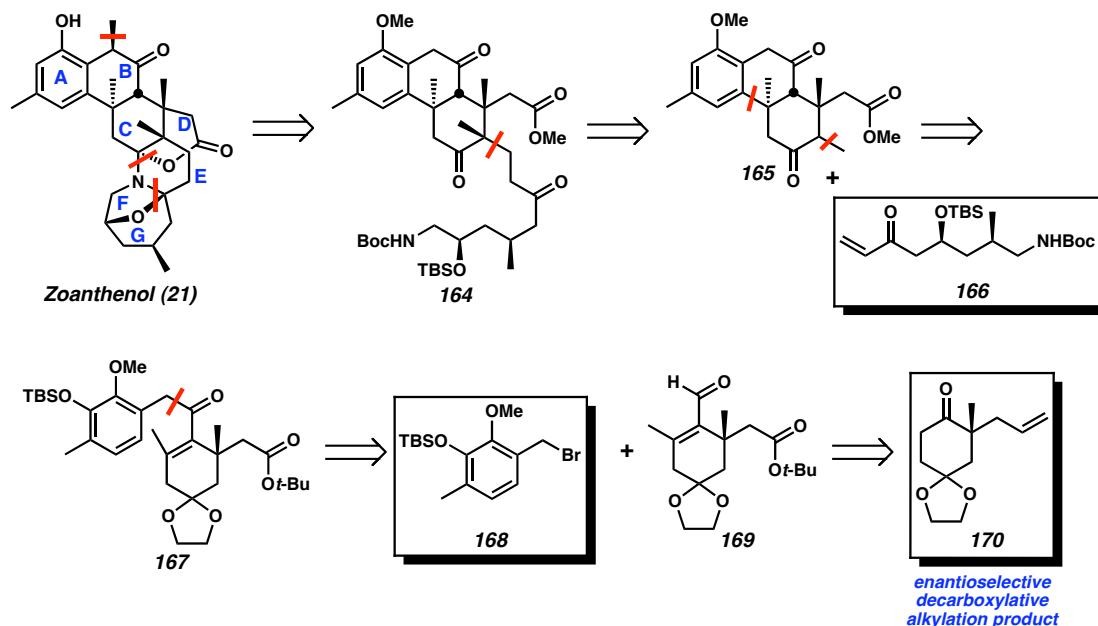


SYNTHETIC SUMMARY

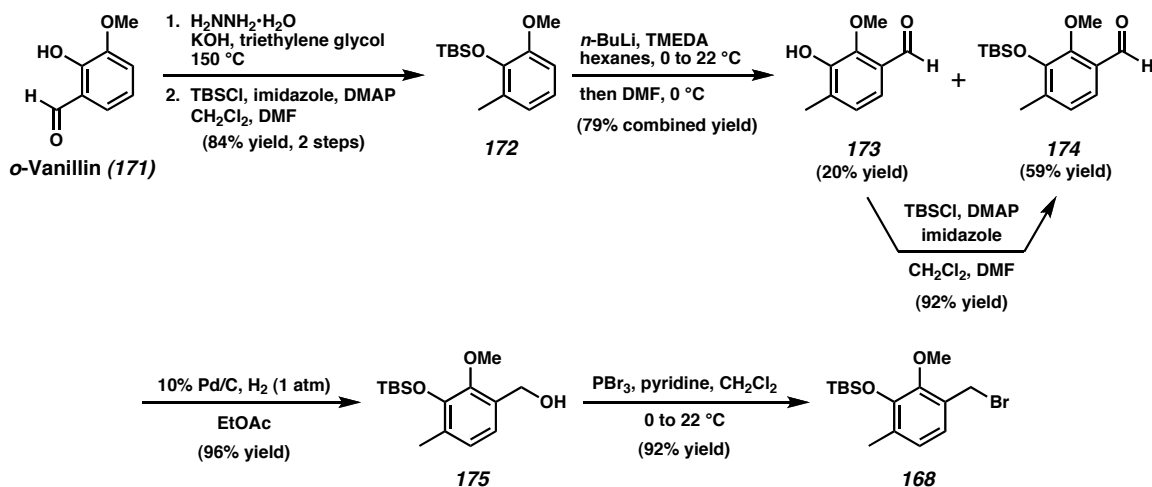
Early Efforts Toward the Synthesis of Zoanthanol

Discovery of an Unusual Acid-Catalyzed Cyclization and
Development of an Enantioselective Route to a Synthon for the DEFG Rings

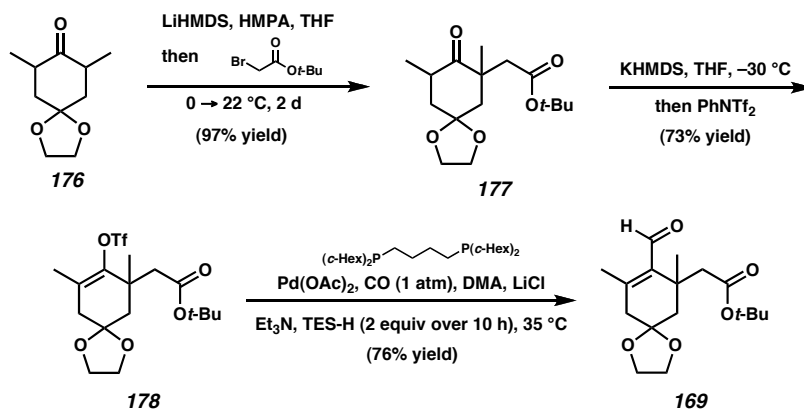
Scheme S2.1 Retrosynthetic Analysis of Zoanthanol



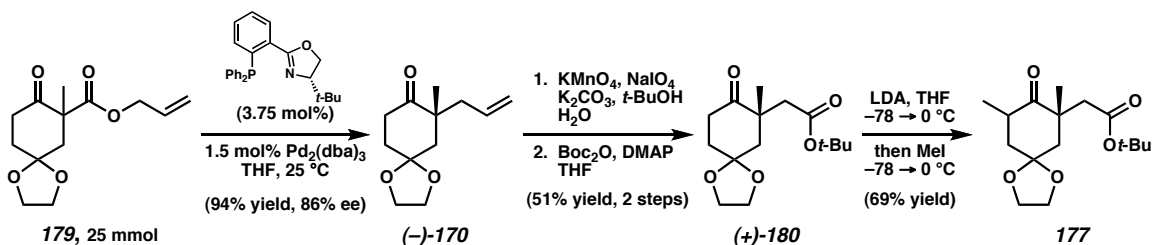
Scheme S2.2 Synthesis of the A Ring Synthon



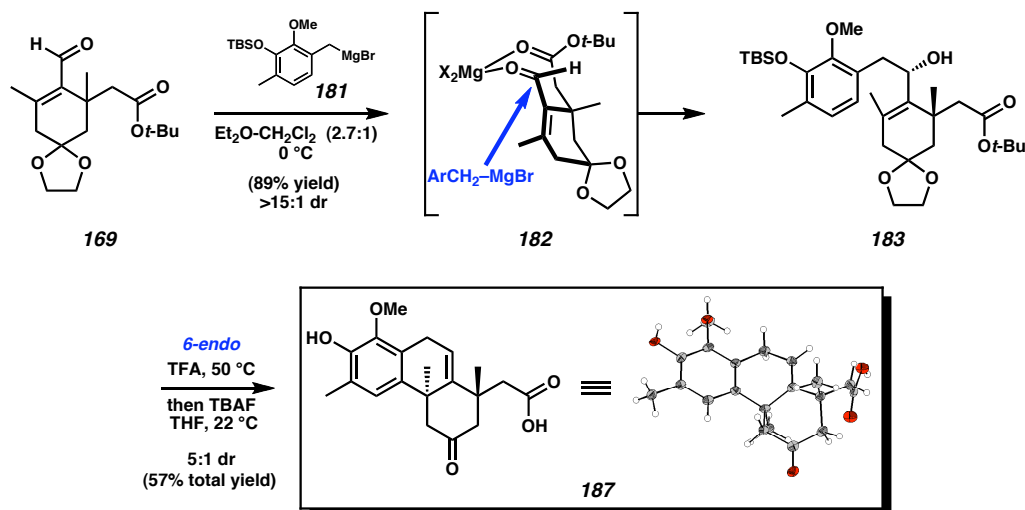
Scheme S2.3 Racemic Synthesis of the C Ring Synthon



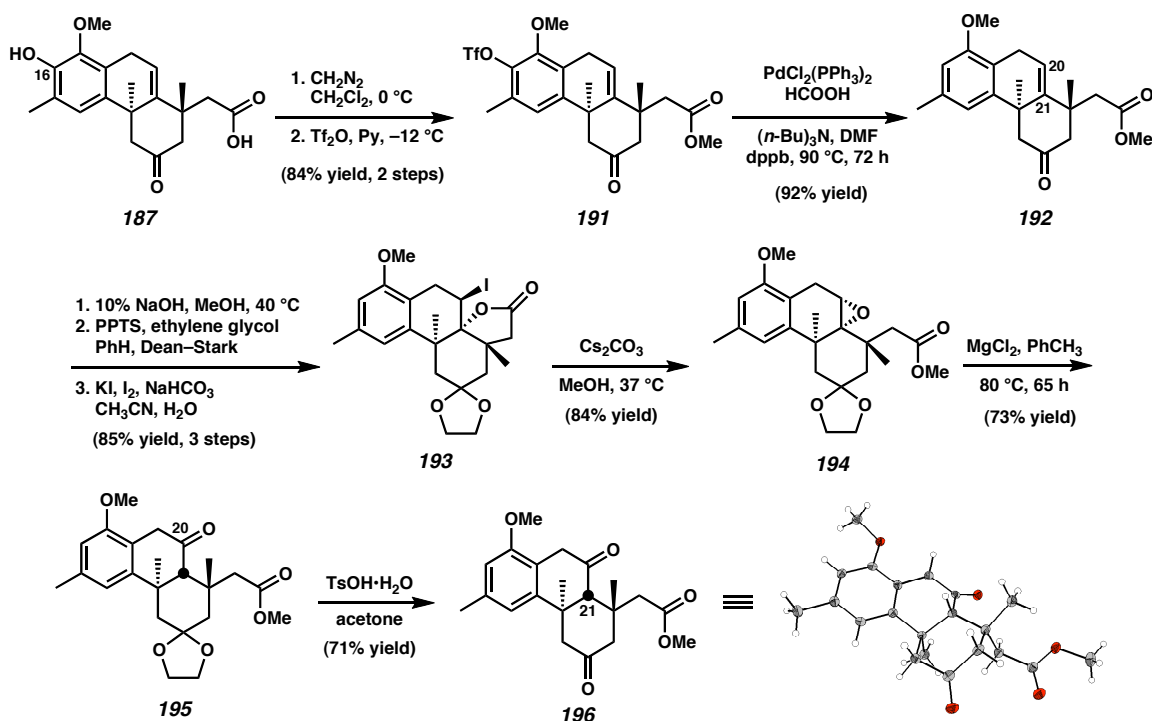
Scheme S2.4 Enantioselective Synthesis of C Ring Methyl Ketone 177



Scheme S2.5 Fragment Coupling and Acid-Mediated Cyclization of the A and C Rings



Scheme S2.6 Deoxygenation of the A Ring and Refunctionalization of C(20)



Scheme S2.7 Enantioselective Synthesis of DEFG Synthons

