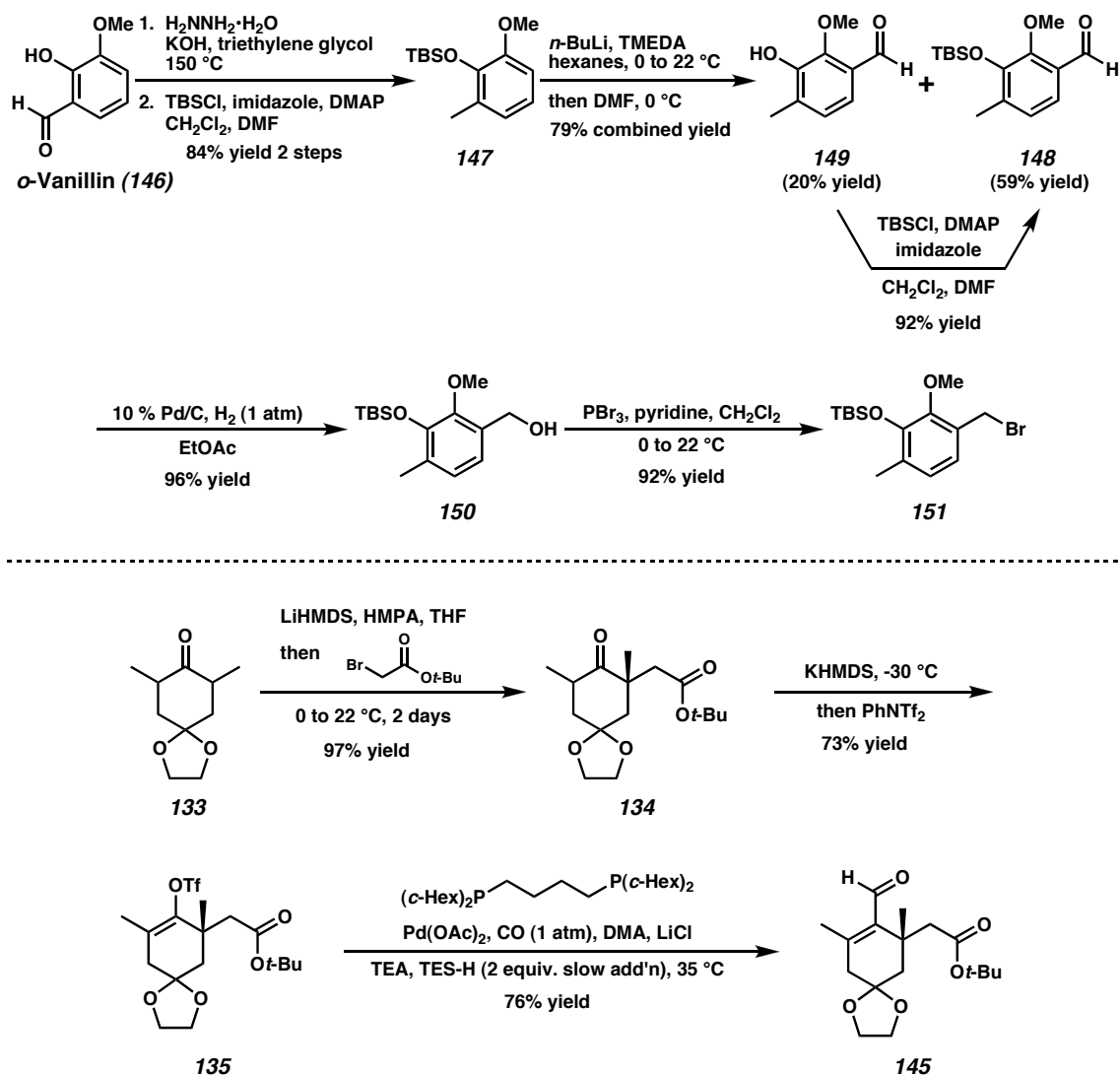


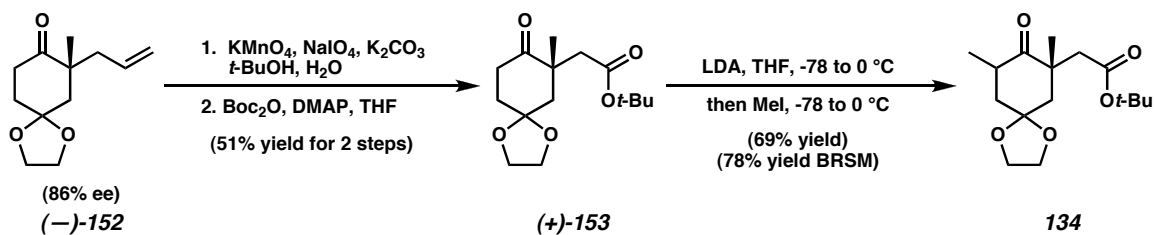
APPENDIX ONE

Synthetic Summary of the S_N' Approach to Zoanthenol

Scheme A1.1: Synthesis and Coupling of A and C Ring Synthons



Scheme A1.2 Asymmetric Synthesis of C Ring Intermediate



Scheme A1.3 S_N' Cyclization and Elaboration of the Zoanthenol ABC Rings