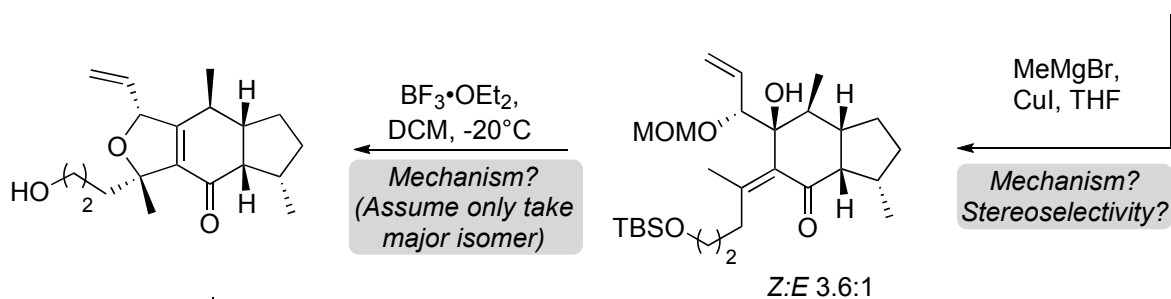
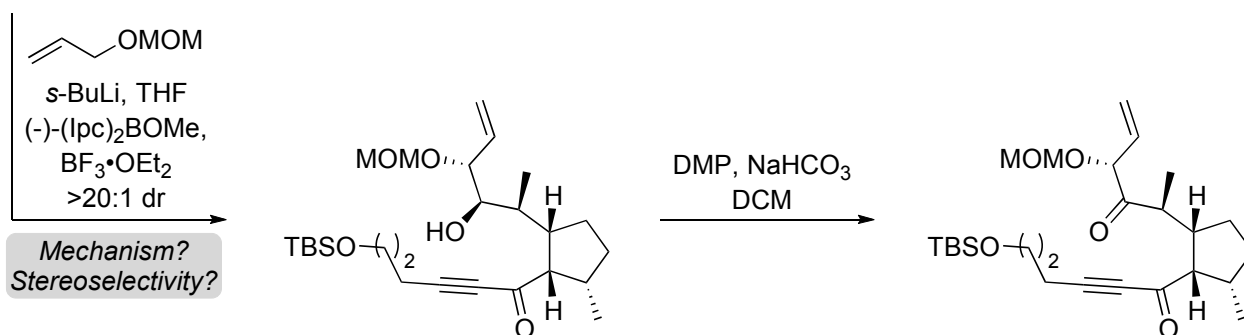
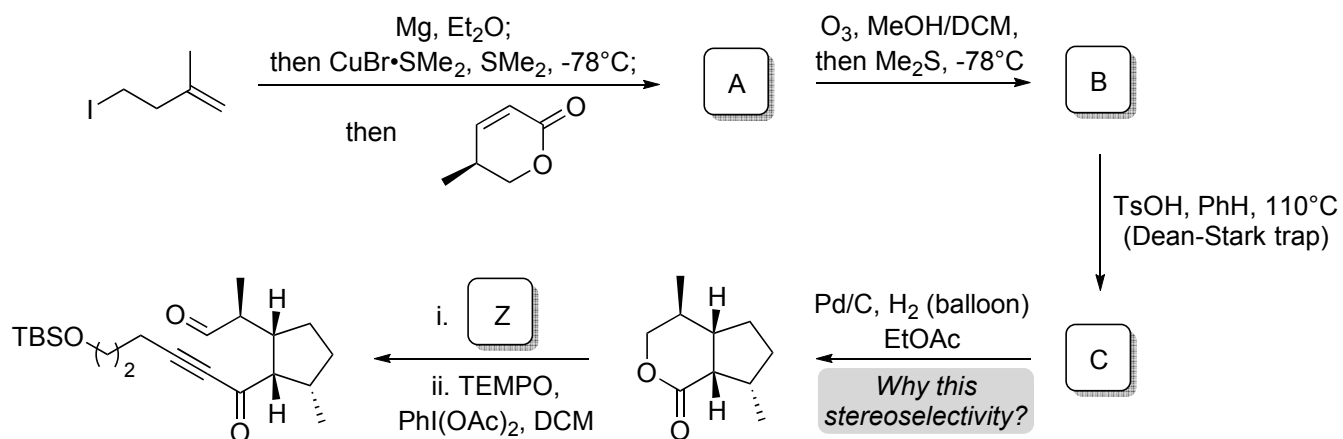
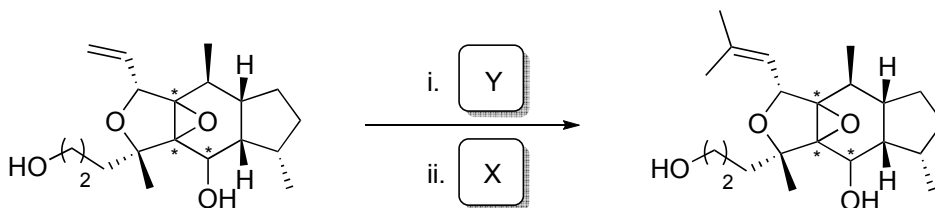


EAA Group Problems - 22.1.13

Please provide intermediates A-C, missing reagents Z-X and give mechanisms and explanations of stereochemistry where indicated (mechanisms not necessary for all steps).



- i. DIBAL, DCM, -78°C
 ii. cat. VO(acac)₂, *t*-BuOOH, DCM



Please assign and explain stereochemistry