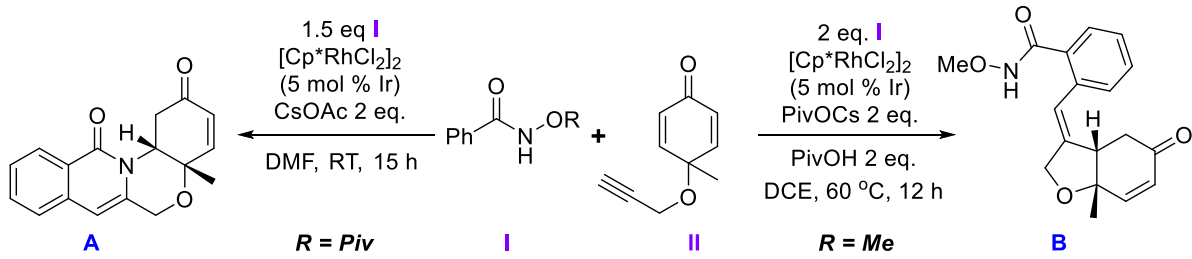
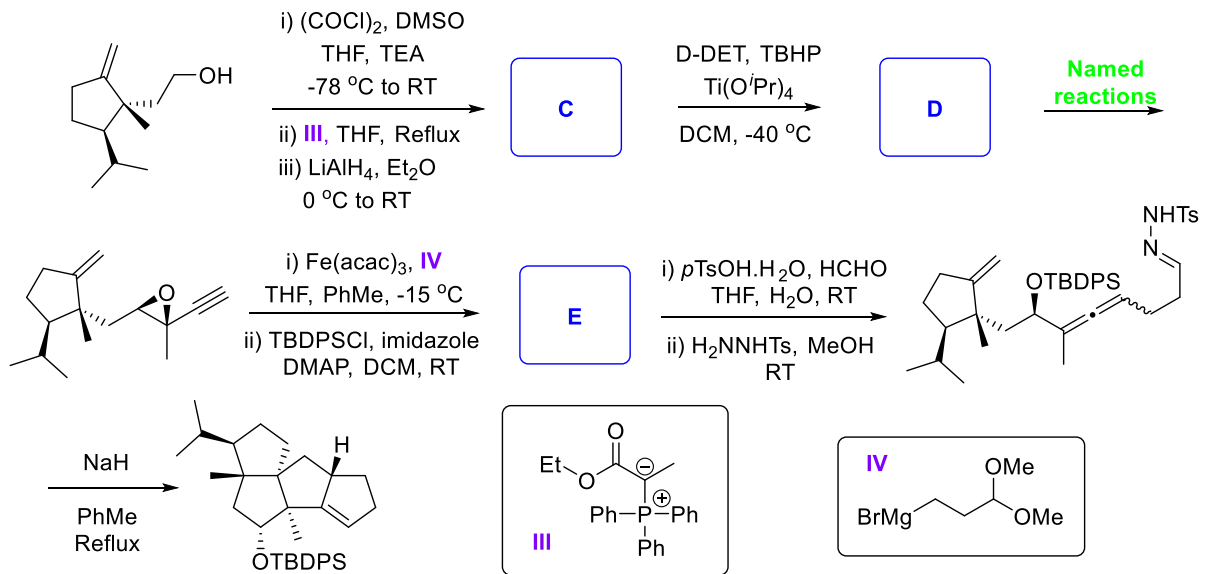


Group problems 04/11/14

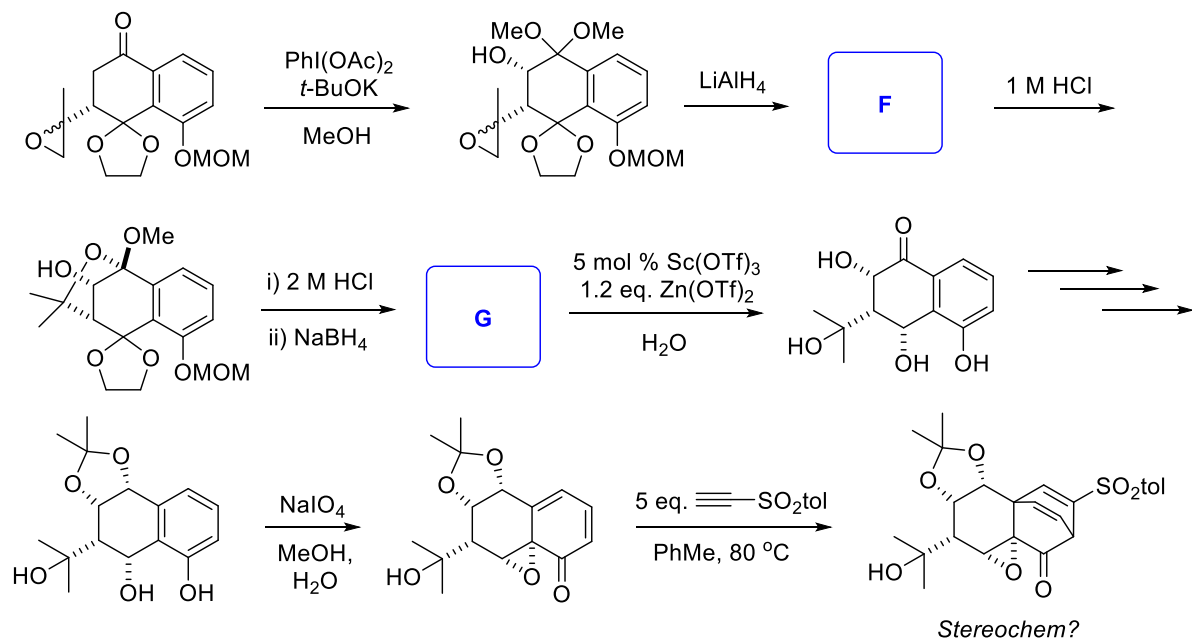
1) Please provide mechanisms and stereochemical explanations for both reactions



2) Mechanisms and stereochemistry for all steps please



3) Mechanisms for each transformation and stereochemistry in the final Diels-Alder step?



4) Mechanisms for both reactions, and stereochemical explanation of the electrocycloisatation product |

