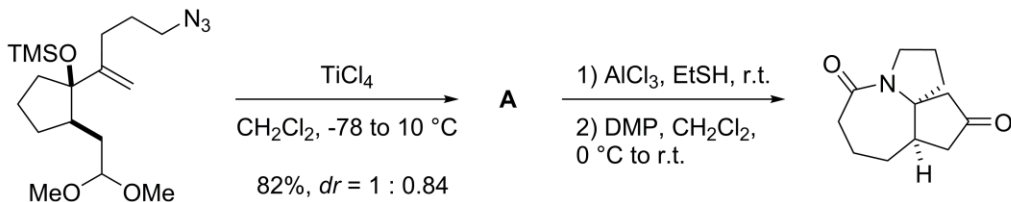
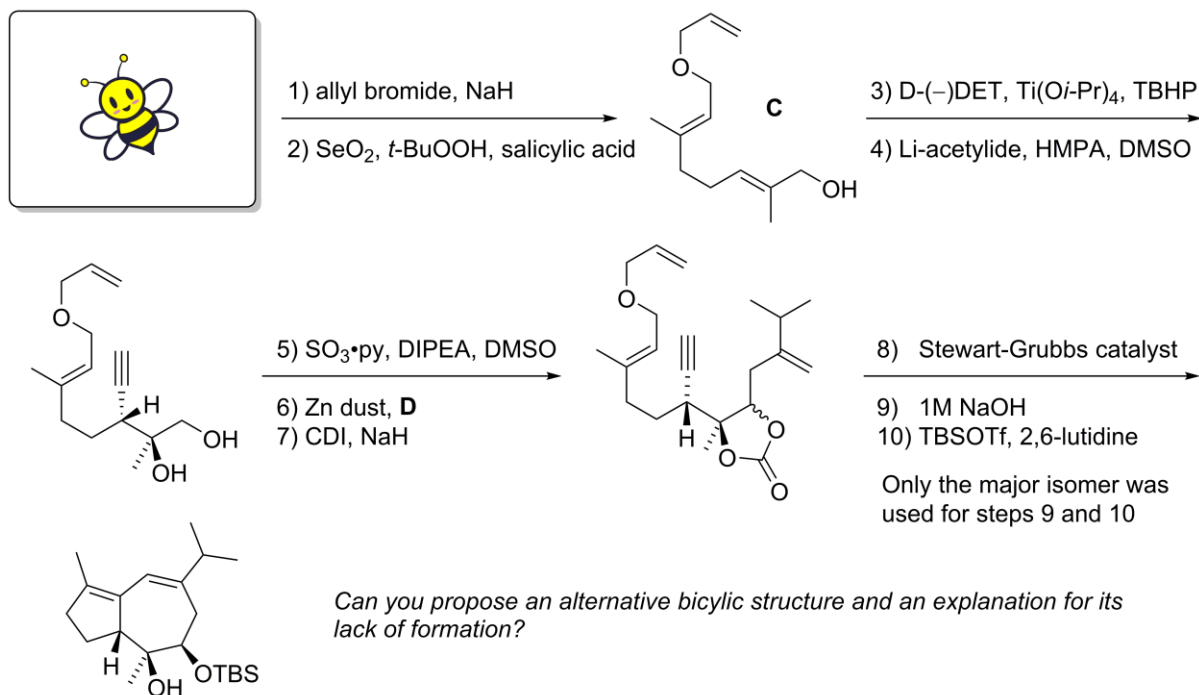


# Group Meeting Questions - 16th April 2013

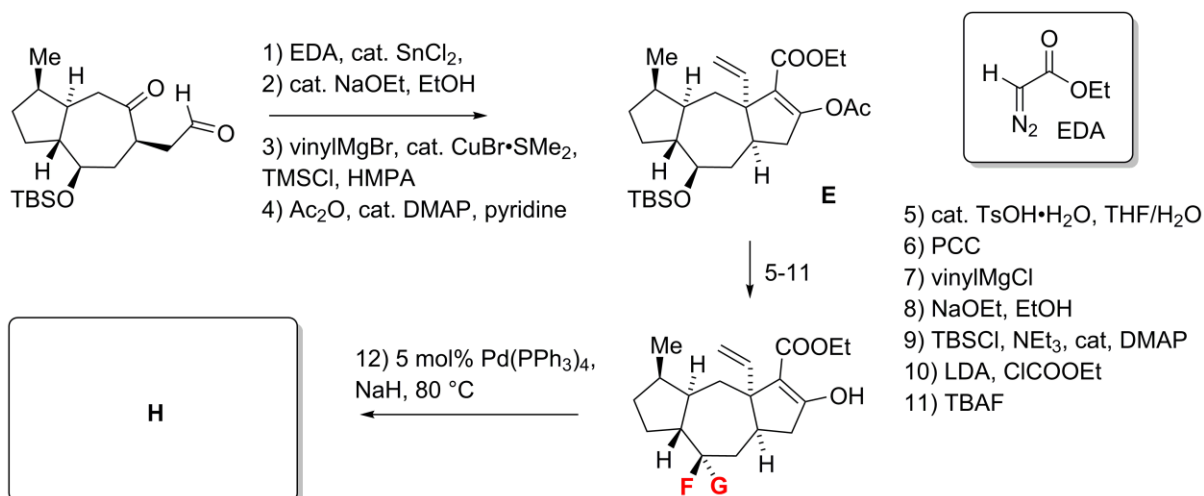
1. Please provide mechanisms for both transformations as well as intermediate **A**.



2. Please give the structure of readily available starting material **B** as well as the mechanisms to give **C**. Additionally show the structure of reagent **D** (and reaction name) as well as the mechanism of step 8



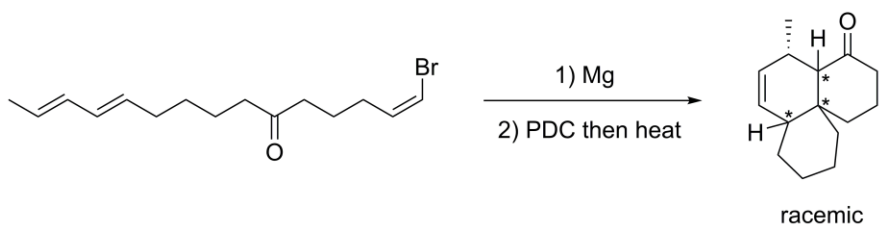
3. Please provide mechanisms for the reactions leading to compound **E**  
 Additionally predict substituents **F** and **G** and the structure of compound **H** arising from a named reaction.



Hint: steps 8 & 9 represent a protecting group swap

4. This is a two part question because the first one is short

A. Please provide mechanisms and predict the stereochemistry of the final product



B. Please provide mechanisms and the intermediates **I** and **J**

