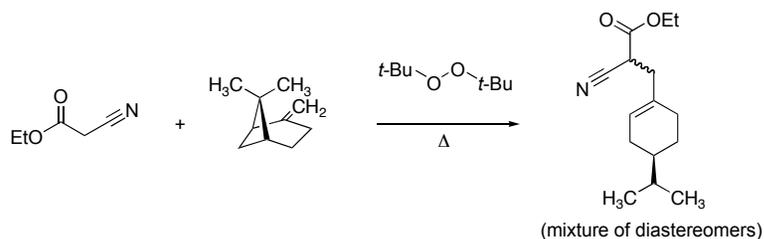


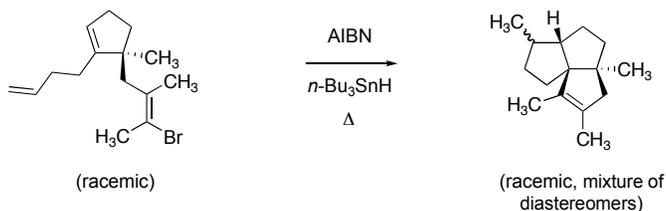
Due in class: Monday, Mar. 12th, 2007 at 12:05 pm.

In your answers, show arrow pushing and where appropriate identify initiation and propagation steps.

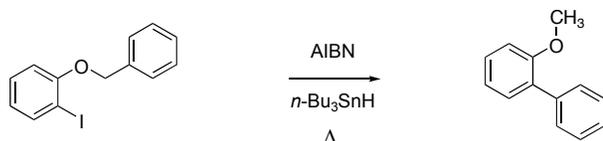
1. Provide a detailed mechanism for the following:



2. Provide a detailed mechanism for the following. Explain the stereochemical outcome including the double bond geometry?

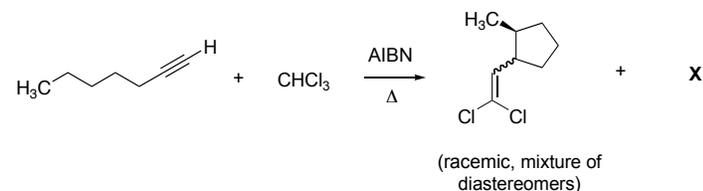


3. Provide a detailed mechanism for the following:

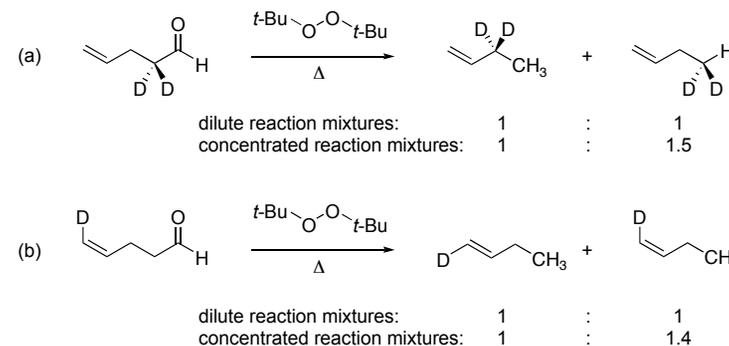


Monday 3.5.2007

4. Provide a detailed mechanism for the following. Specify the initiation and propagation steps. What is the by-product X?



5. Provide a mechanism for the formation of each of the four products. Explain the effect of concentration on the product ratios.



6. Provide a detailed mechanism for the following:

