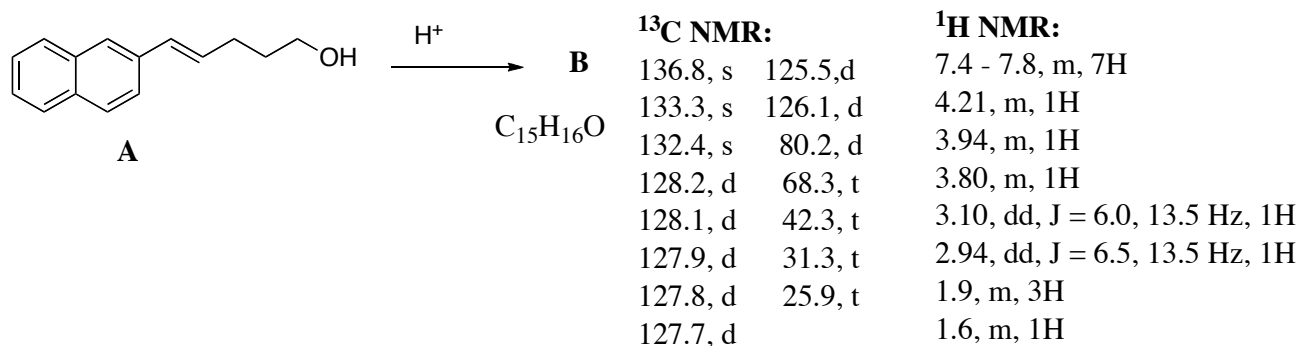


Fall 2007

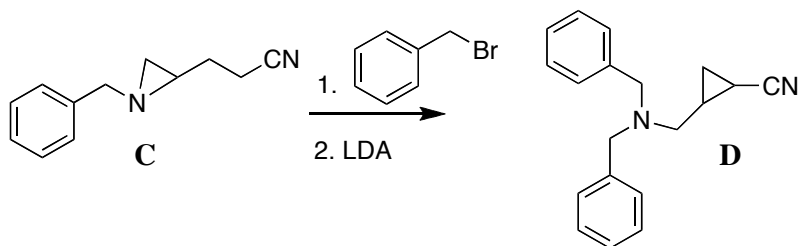
Homework #7

due: 10 a.m. Mon. Oct. 29th

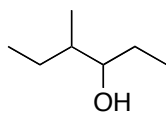
1. (10 points) Deduce the structure of **B**, and draw an arrow-pushing mechanism for its formation.



2. (10 points) Draw an arrow-pushing mechanism for the transformation of **C** to **D**.



3. (10 points) Write a synthesis route to **E**. You may use any starting material that contributes three or fewer carbons to the final product.

**E**