



Q1: Propose a reasonable reaction conditions to transform **A** into **B**

Q2: Explain a reasonable reaction mechanism from **B** to **C**

Q3: Propose a reasonable reaction conditions (1 step) to transform **D** into hirsutene and explain its mechanism.

D.P. Curran, D. M. Rakiewicz
J. Am. Chem. Soc. **1985**, *107*, 1448.

Q: Propose reasonable intermediates and mechanisms of the following transformations. (For B3)

