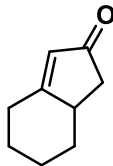




Quiz 2

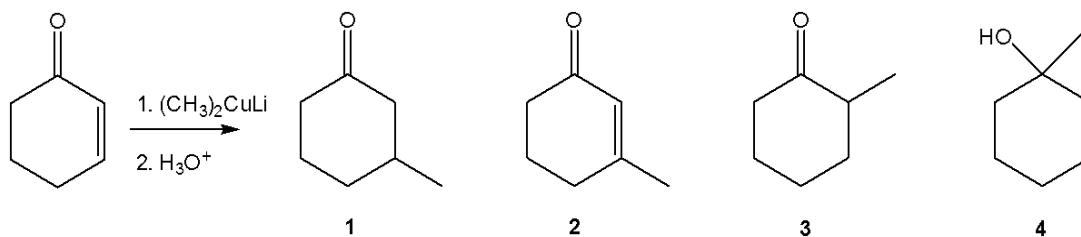
1. **Problem:** Provide detailed mechanism(s) for the synthesis of the compound noted below. (6 PTS)





2. **Problem:** From either of the Baylis-Hillman or the Baeyer-Villiger reactions, provide the reaction and the mechanism? (2 PTS)

3. **Problem:** What is the major organic product obtained from the following reaction? (2 PTS)



- a. 1
b. 2
c. 3
d. 4