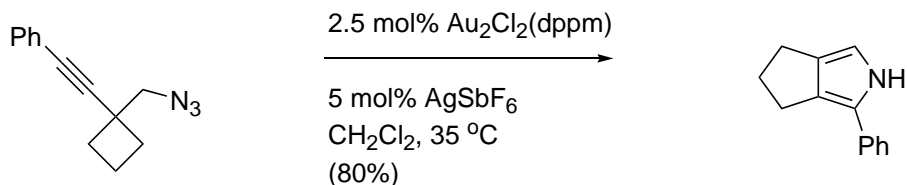


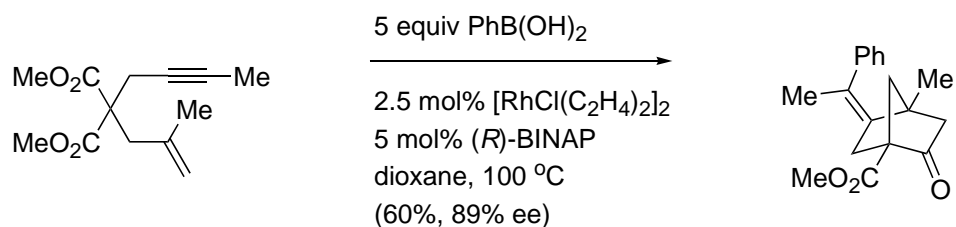
Mechanisms Club (6/29/2007)

Please provide a mechanism for the following transformations and identify the compound **A**.

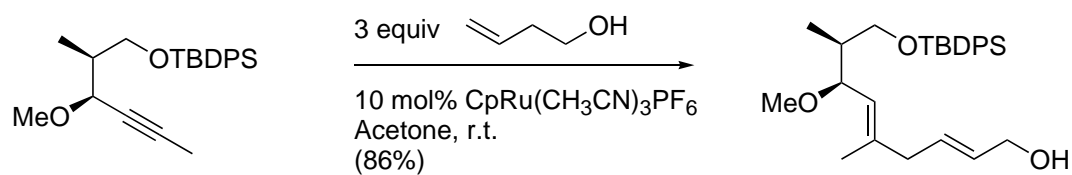
1. Pull-Push Reactivity



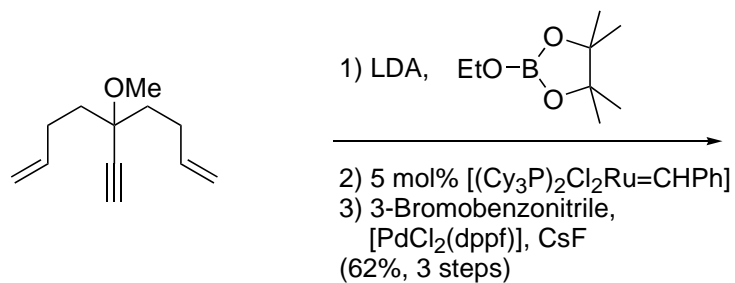
2. Transmetalation First



3. Metallacyclopentene



4.



A