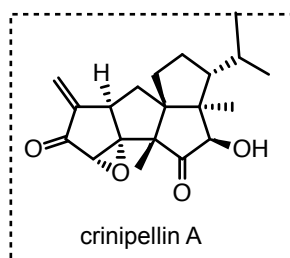
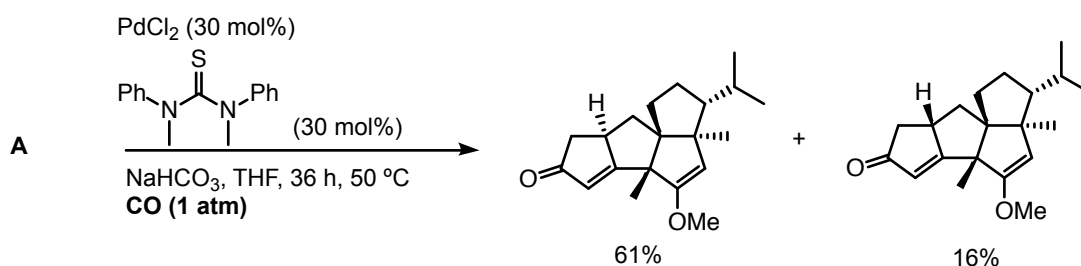
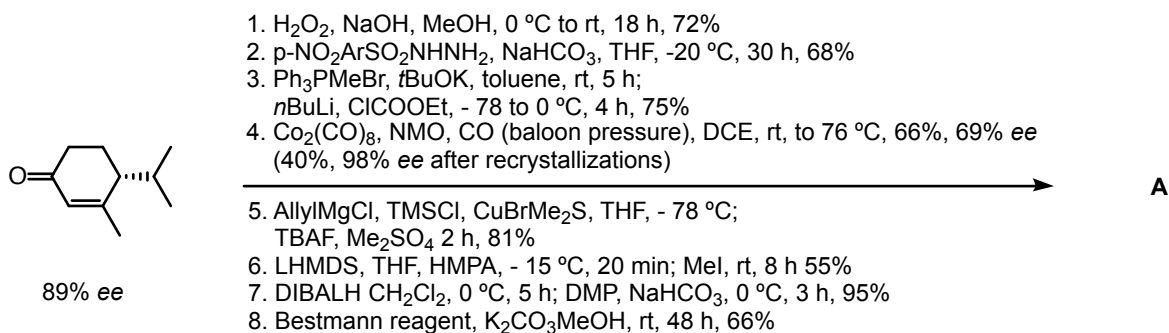


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hint. step 2. Eschenmoser-Tanabe fragmentation  
 step 3. Wittig reaction  
 step 4. Pauson-Khand reaction  
 step 8. Seyferth-Gilbert synthesis, Ohira-Bestmann reagent  
 step 9. Pauson-Khand reaction