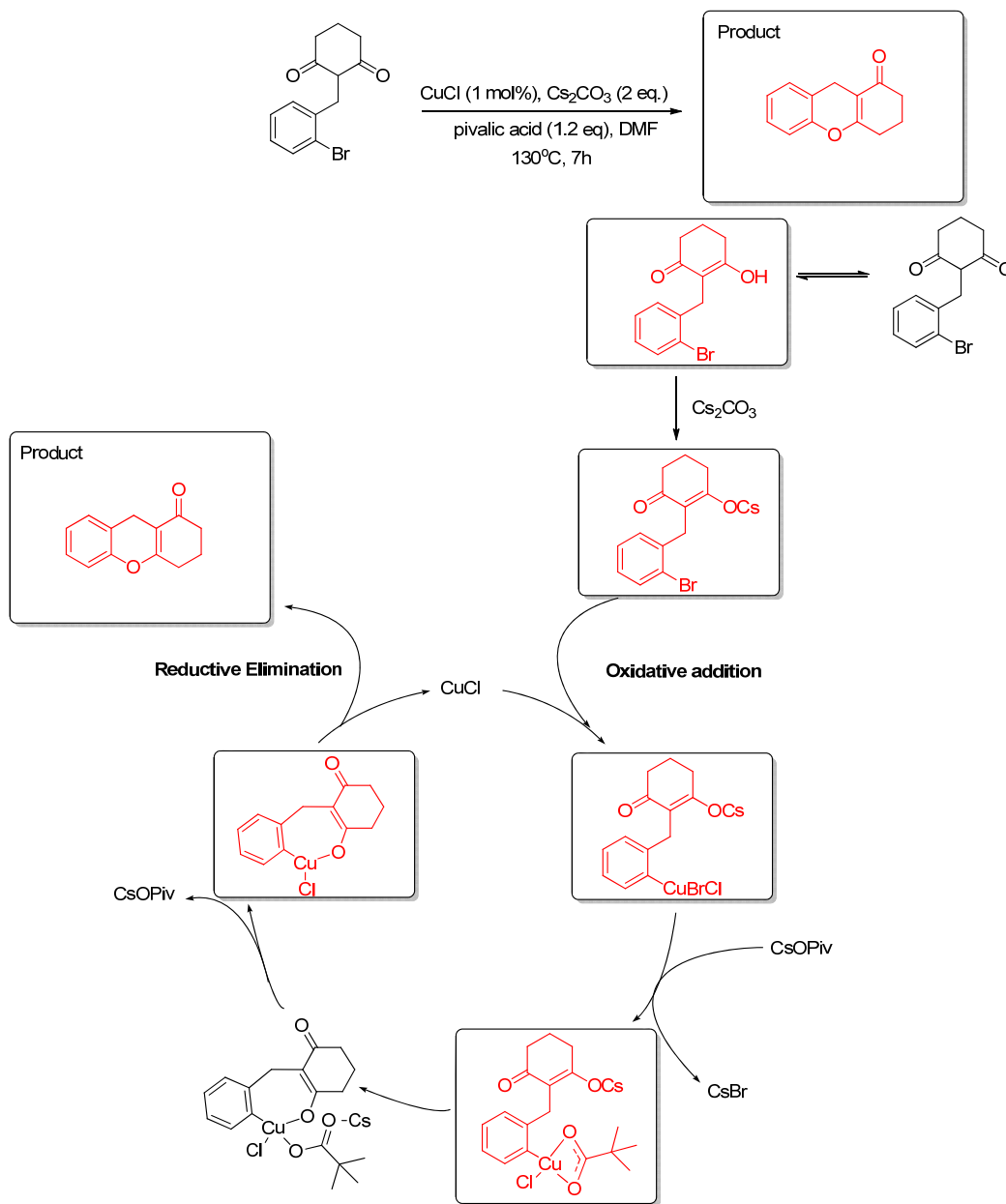


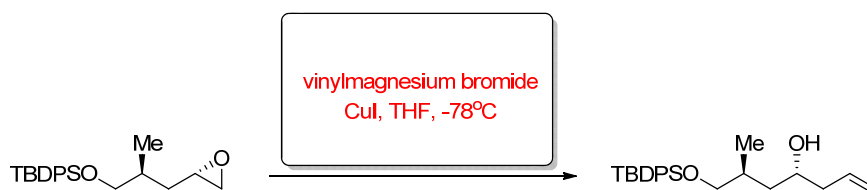


Problem Set No. 6 Key

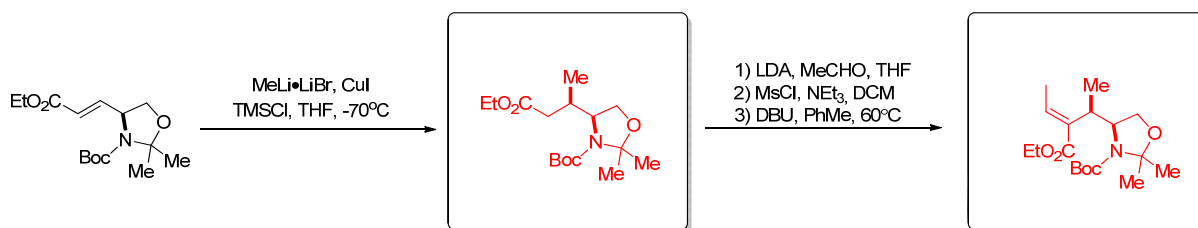
1. Provide the following intermediates and product. What is the name of this reaction?



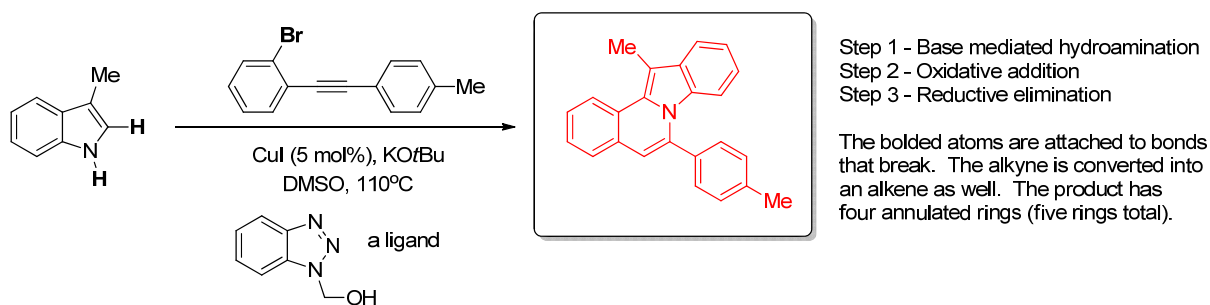
2. Provide the reagents



3. Draw the products



4. Draw the product.



5. Read Hoveyda et al. *Angew. Chem. Int. Ed.* **2012**, *51*, 6618–6621. How did the authors use their method to synthesize a fragment of aza-epithilone A? How do the authors justify their observed stereochemical induction?

