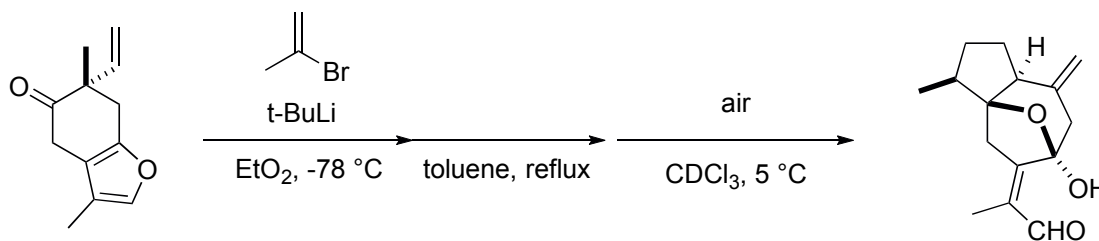
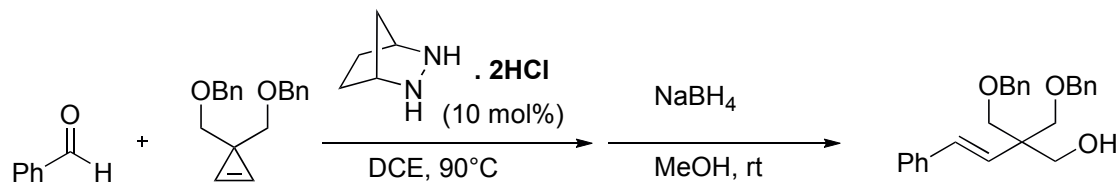


Write the mechanism of the following transformations

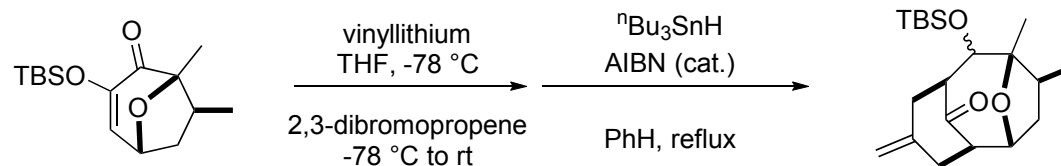
Zografos, *Org. Lett.* **2013**, *15*, 152.



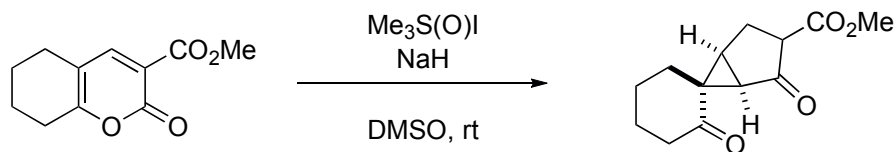
Lambert, *JACS.* **2012**, *134*, 18581.



Mascarenas, *Org. Lett.* **2001**, *3*, 1181.



Yamashita, *Org. Lett.* **2012**, *14*, 6048.



Harmata, *Org. Lett.* **2010**, *12*, 5668.

