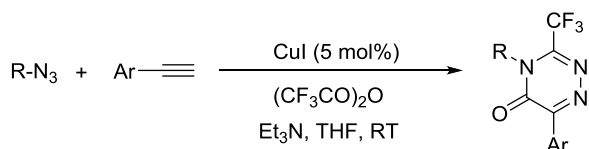


## LSPN Group Seminar    Exercise 28

### 1. Copper (I)-catalyzed interrupted click reaction

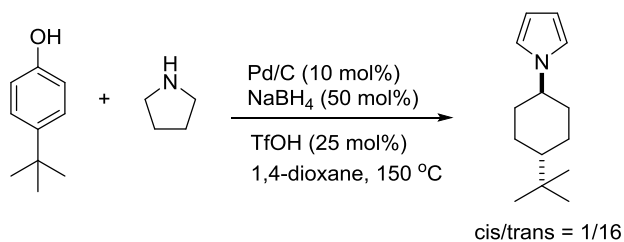
Write a possible reaction pathway about the following transformation



Zhiqiang, Wen et. al. *Angew. Chem. Int. Ed.* **2017**, *56*, 10476.

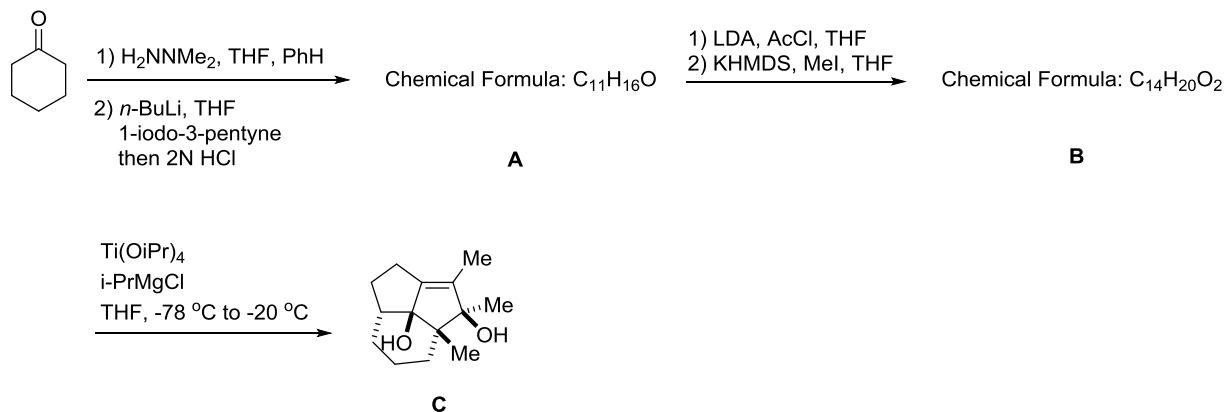
### 2. Transfer of aromaticity

Write a possible reaction pathway about the following transformation

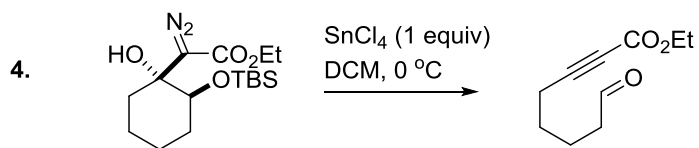


Chao-Jun, Li et. al. *Chem. Sci.* **2017**, *8*, 6954.

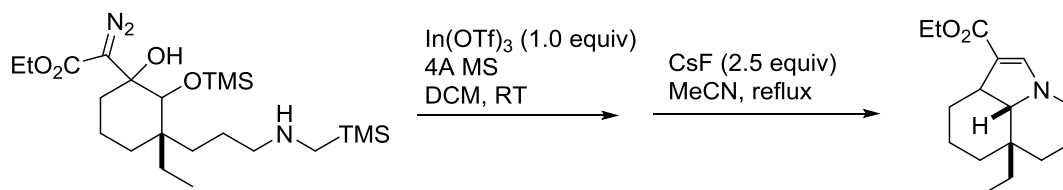
### 3. Write the structure of **A**, **B** and a possible reaction mechanism from **B** to **C**.



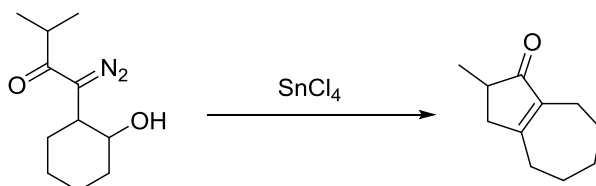
Glenn C. Micalizio et. al. *J. Am. Chem. Soc.* **2017**, *139*, 12374.



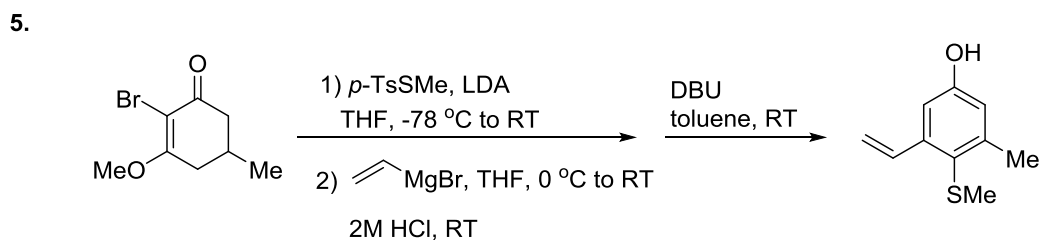
Matthias. Brewer et. al. *J. Am. Chem. Soc.* **2008**, 130, 3766.



Matthias. Brewer et. al. *Org. Lett.* **2016**, 130, 3766.



Matthias. Brewer et. al. *Chem. Sci.* **2017**, 8, 6810.



Derrick L. J. Clive et. al. *J. Org. Chem.* **2015**, 80, 12280.