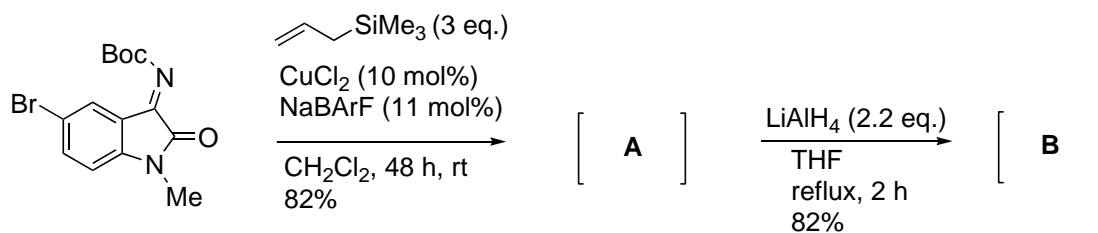


Q1: Propose a reaction mechanism to give **B**.

Q2: Propose a synthetic route from **C** to **D**.

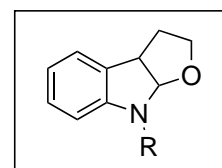
If you have a time, propose a synthetic route from **B** to **C**.

Yu Kobayakawa and Masahisa Nakada *Angew. Chem. Int. Ed.* **ASAP**



Propose a reasonable mechanism to give **A** and **B**.

Hint: **B** has a furoindoline framework.



Franz, A. K. *et al. Org. Lett.* **ASAP**. DOI:10.1021/ol4010867