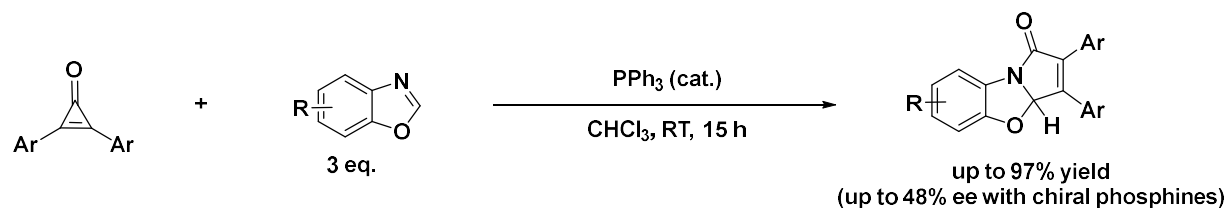


Exercise session – 3rd March, 2022 – Vincent :

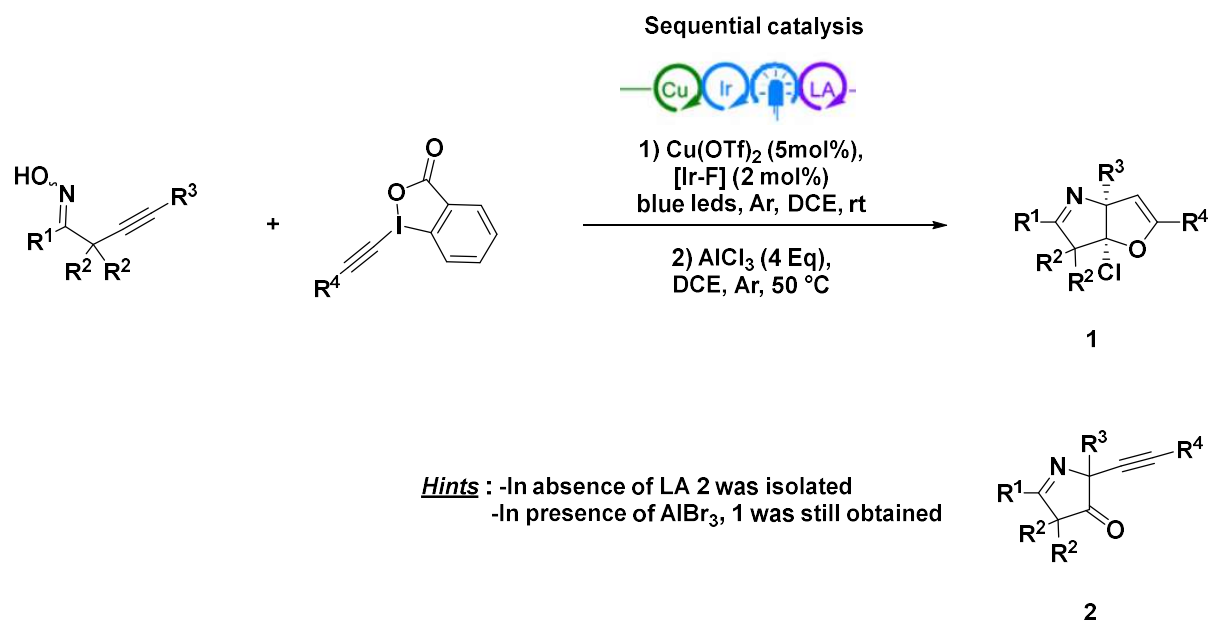
Exercise 1:

Proposed a mechanism for the following transformation (*Org. Lett.* 2022, 24, 5, 1127–1131):



Exercise 2:

Proposed a mechanism for the following transformation (*Org. Lett.* 2022, 24, 2, 542–547):



Exercise 3: Provide the missing structures in the following total synthesis of (-)-Himalensine A (*J. Am. Chem. Soc.* 2017, 139, 17755–17758):

