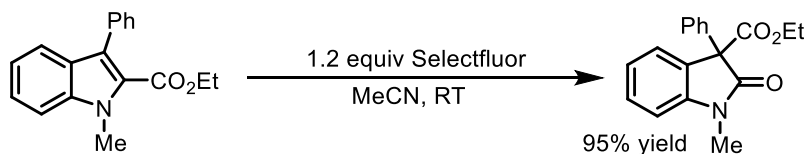


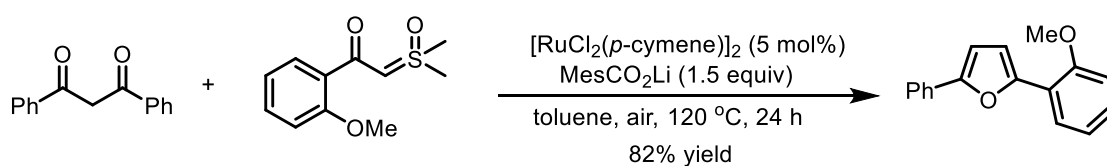
Exercise Session (LSPN, 10.10.2019)

Please give the reasonable mechanisms of the following transformations.

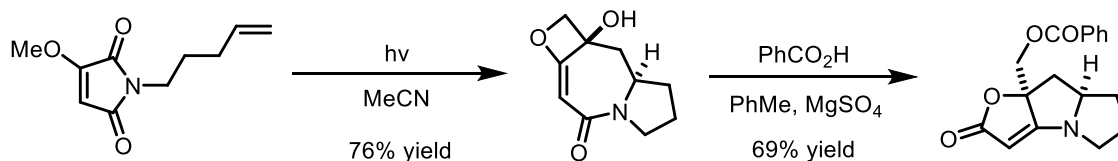
1. *Org. Lett.* **2016**, *18*, 3154.



2. *Chem. Sci.* **2019**. DOI: 10.1039/C9SC03245B.



3. *Org. Lett.* **2007**, *9*, 4681; *J. Org. Chem.* **1983**, *48*, 2981.



4. *Angew. Chem. Int. Ed.* **2014**, *53*, 6216.

