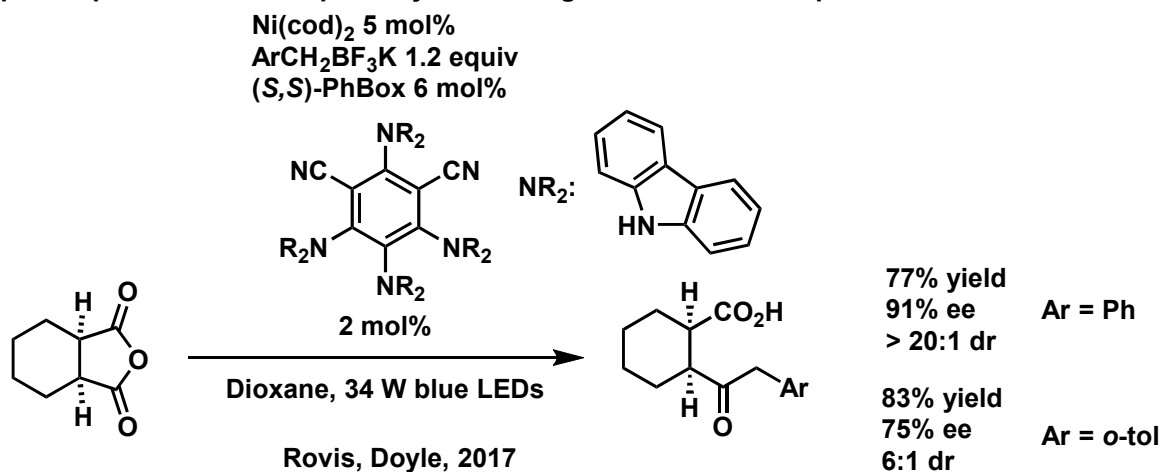
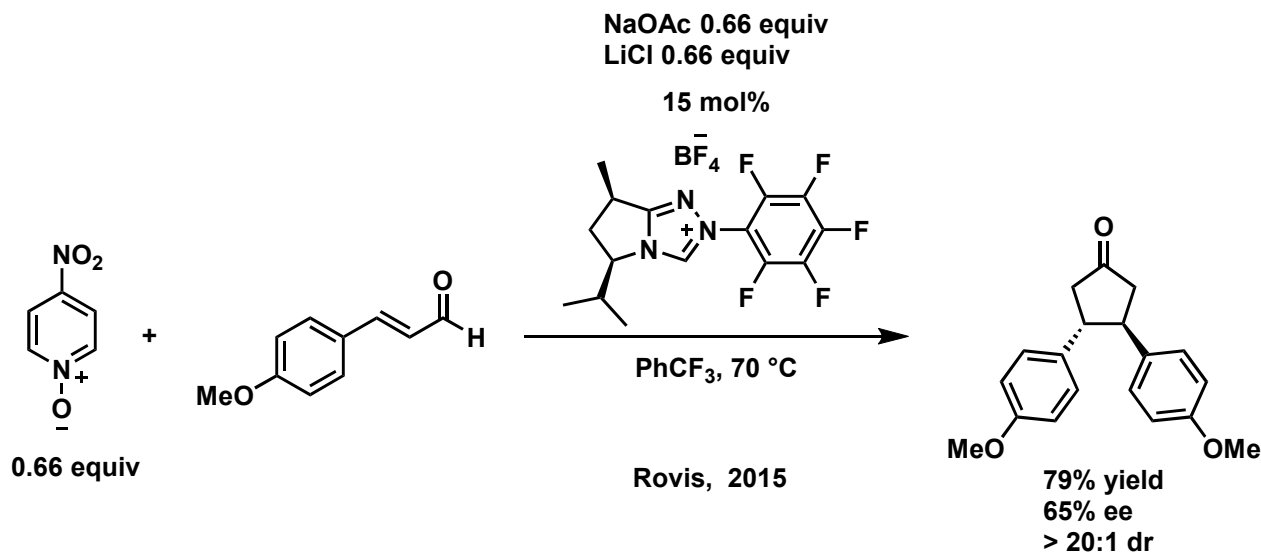


Exercise 24 - Cyril Piemontesi

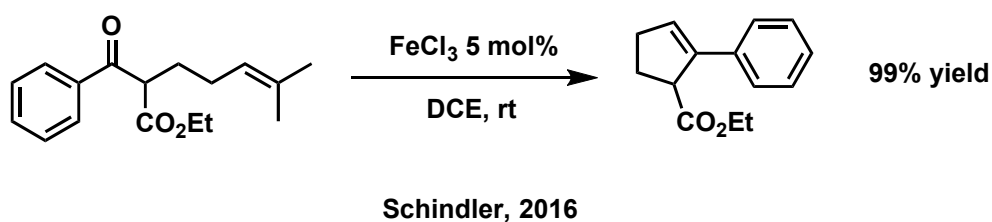
- 1 Propose two possible mechanisms for the formation of the product
Propose a possible reaction pathway accounting for the observed epimerization



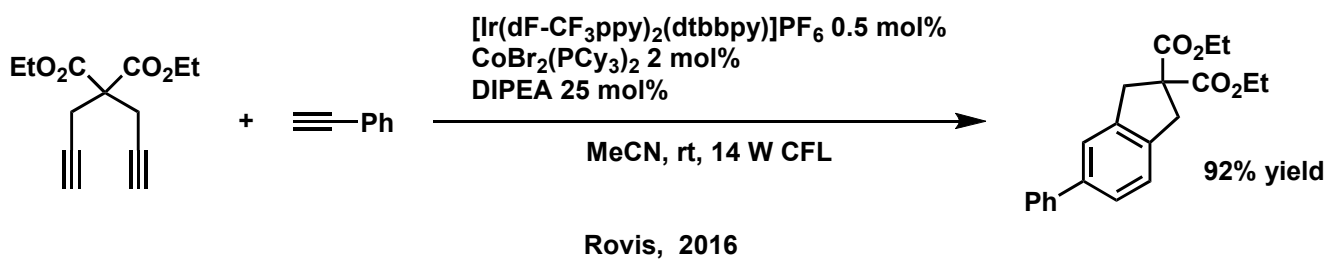
- 2 Propose a possible mechanism for the formation of the product



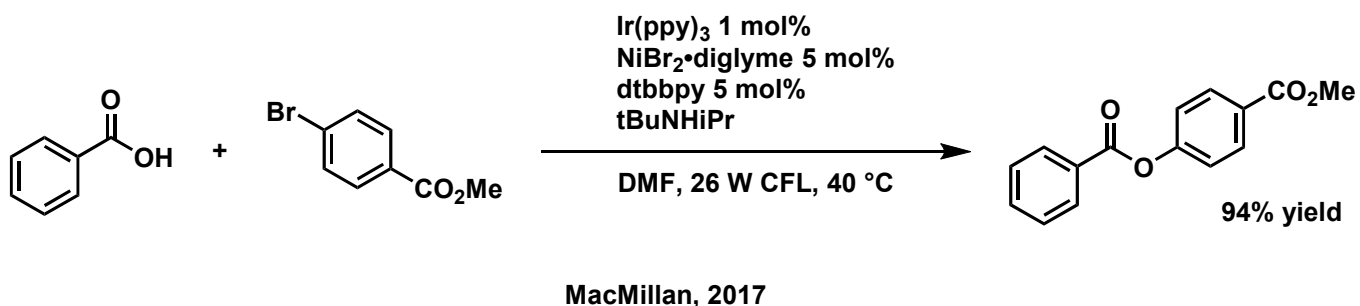
- 3 Propose two possible mechanisms for the formation of the product (concerted + carbocation)
Propose a possible experiment to probe which one is the more likely to occur



- 4 Propose a possible mechanism for the formation of the product
Explain the role of DIPEA and what would happen if you omit it in the rxn mixture



- 5 Propose a possible mechanism for the formation of the product



- 6 Recently, the mechanism of the transmetalation step in the Suzuki-Miyaura coupling was detailed. Try to find one possibility.

