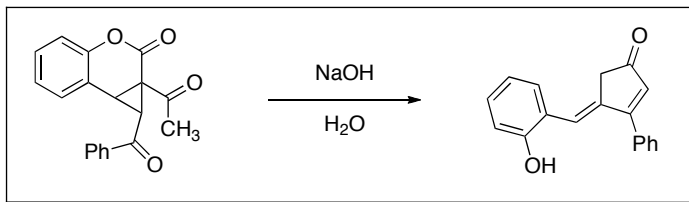
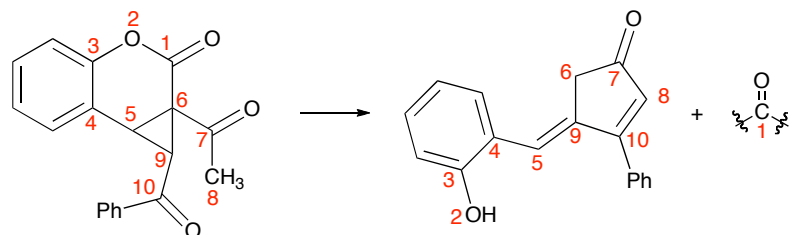


Arrow-Pushing Example from Lecture #1

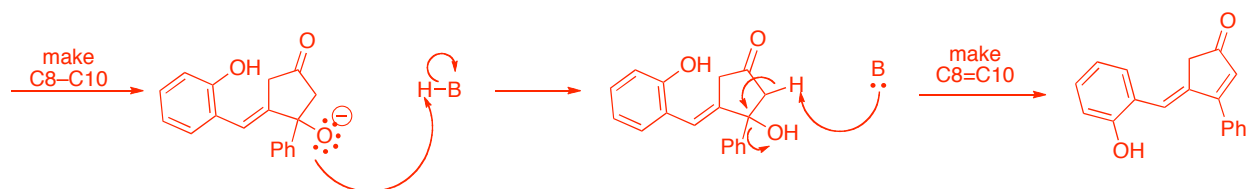
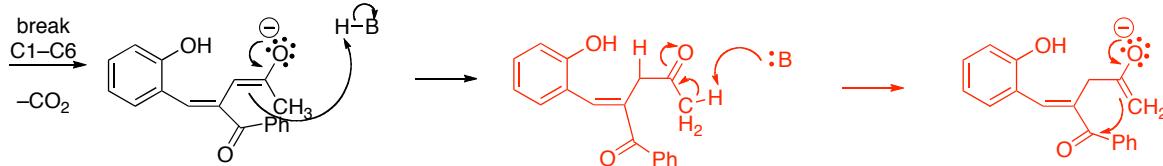
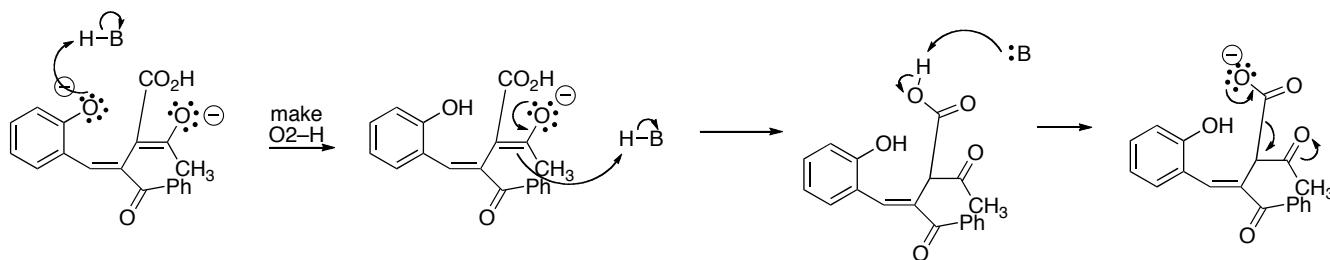
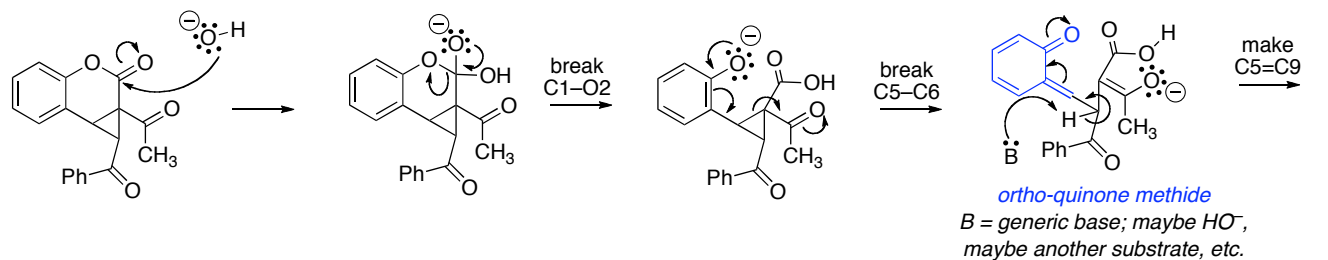
Reference: Wawzonek, S.; Morreal, C. E. *J. Am. Chem. Soc.* **1960**, *82*, 439.



Number atoms & write out break/make table:



Break	Make
C1-O2	O2-H
C5-C6	C8=C10
C1-C6	C5=C9
C10=O	



The red steps are an "Aldol condensation." You should be familiar with this reaction.