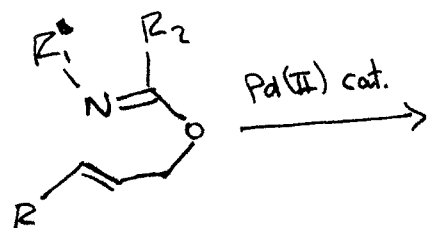
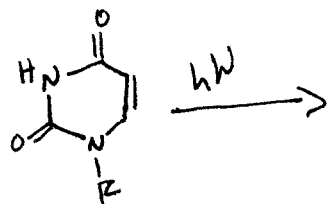
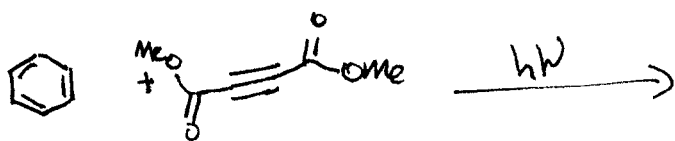
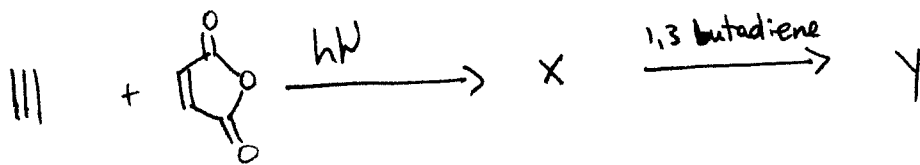
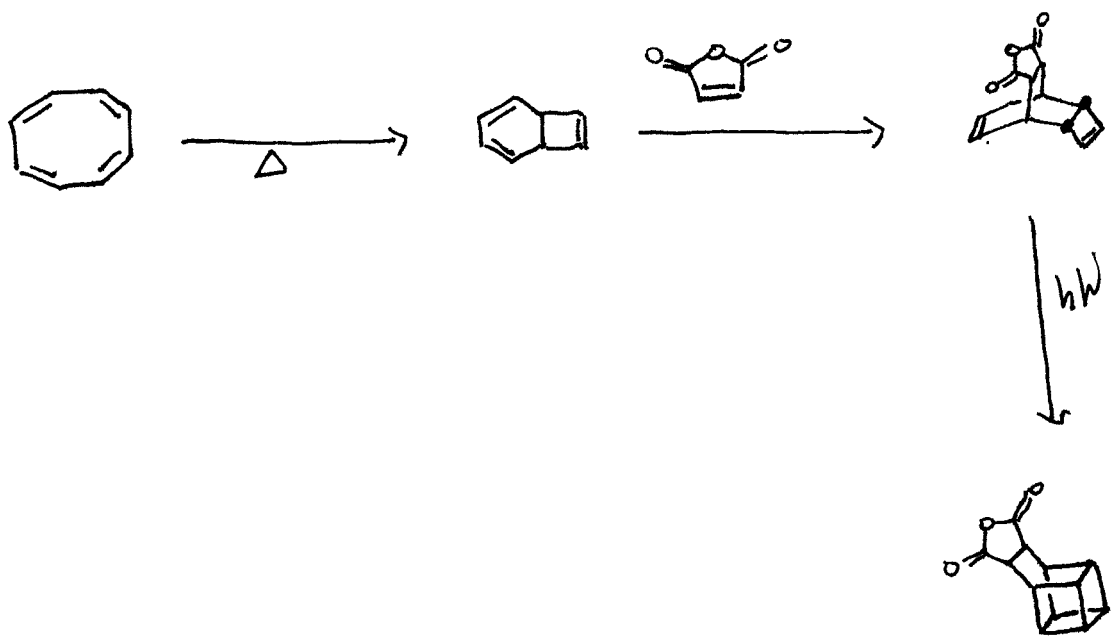
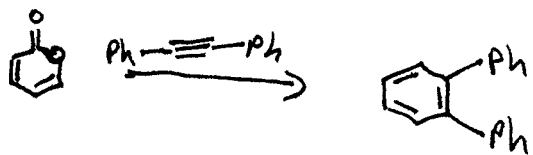


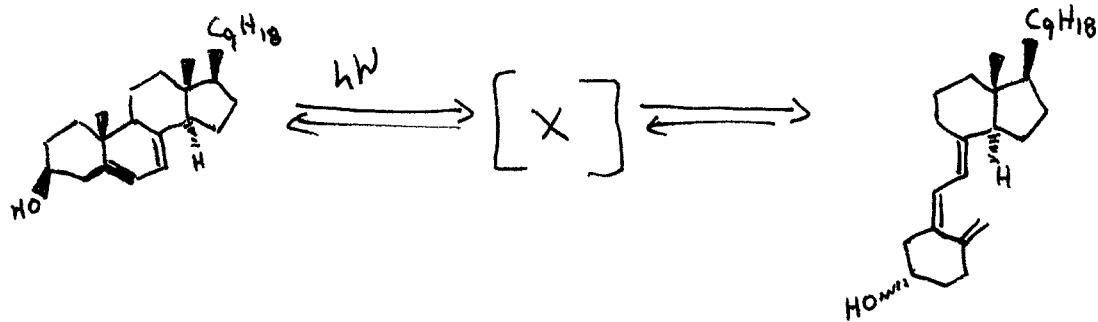
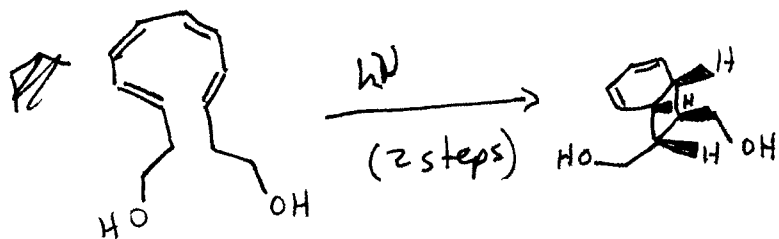
Give the product for the following reactions



Provide a Mechanism for the following Transformations

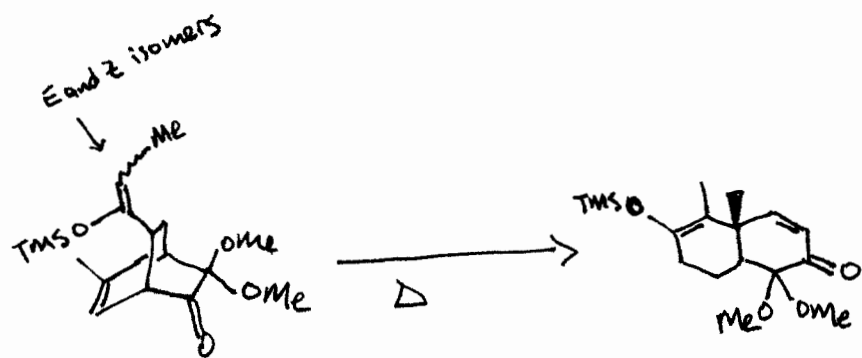
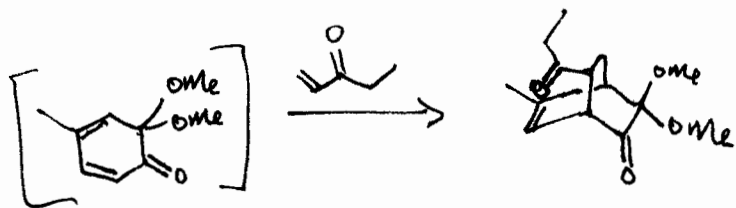


Mechanisms Continued



The following two reactions come from the synthesis of (\pm)-Eremopetasidione, a compound used in Chinese medicine for poisonous snake bites, tonsillitis and contusions.

Give a mechanism for the following steps.



Hsu, D.S.; Hsu, P.Y.; Liao, C.C.; *Org. Lett.* **2001**, *3*, 263-5.