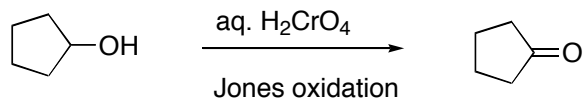
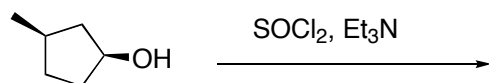


(1) (2 pt) Write the chromate ester intermediate in the following transformation and the electron pushing for its reductive elimination step to give the product.



(2) (1 pt) Provide **all** products for the reaction below.



(3) (2 pts) Provide a reaction sequence to accomplish the following synthesis.

