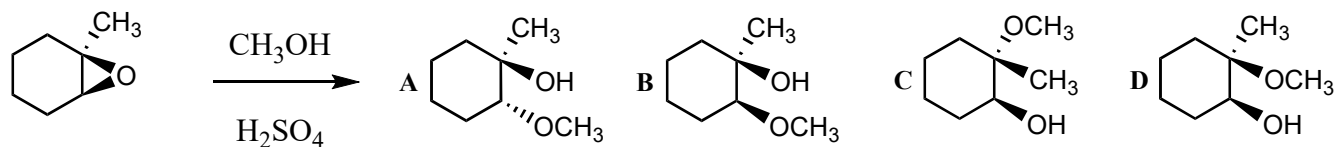


5A. (14 pts) Which of the structures shown is the major product expected for the following reaction? Provide a complete mechanism for the reaction. Pay close attention to details, including lone pairs, formal charges, and the use of curved arrows.



5B. (6 pts) Provide a complete mechanism for the following reaction. Pay close attention to details, including lone pairs, formal charges, and the use of curved arrows.

