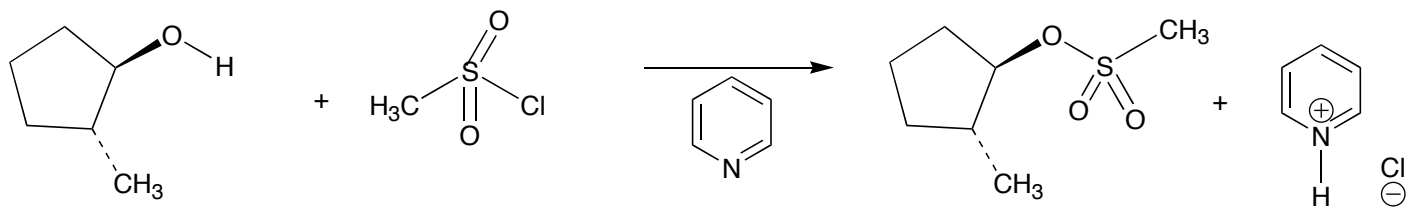


8. (10 pts) Provide a detailed mechanism for the reaction below. For full credit you must very clearly show all electron movement. Add lone pairs when necessary.



BONUS. (6 pts) In addition to the resolution of enantiomers described in the text very briefly describe two other ways to obtain chiral molecules enantiomerically pure.

1.

2.