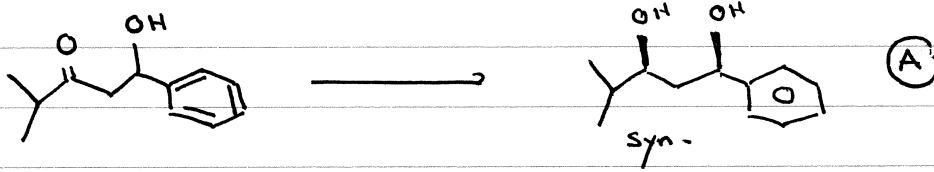
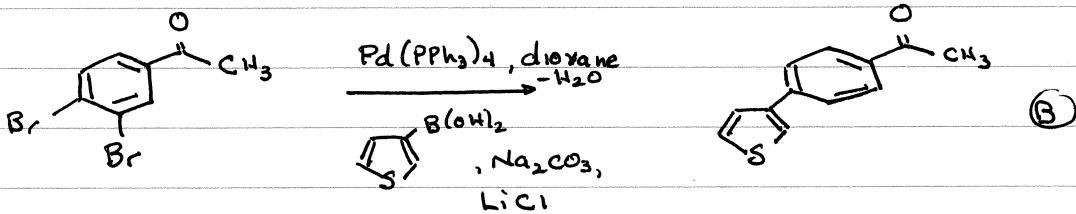


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SUGGESTED SOLUTIONS

1 a)

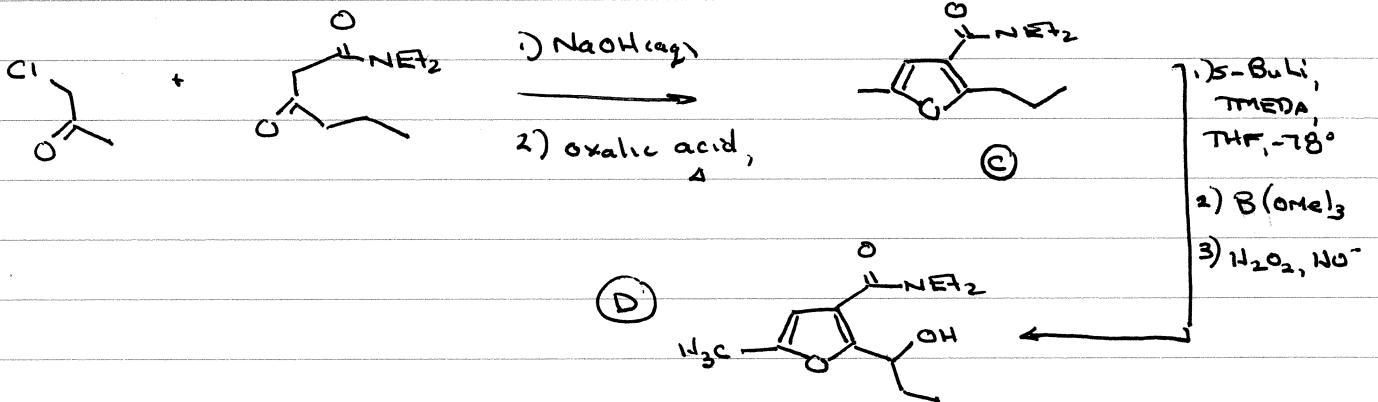


b)

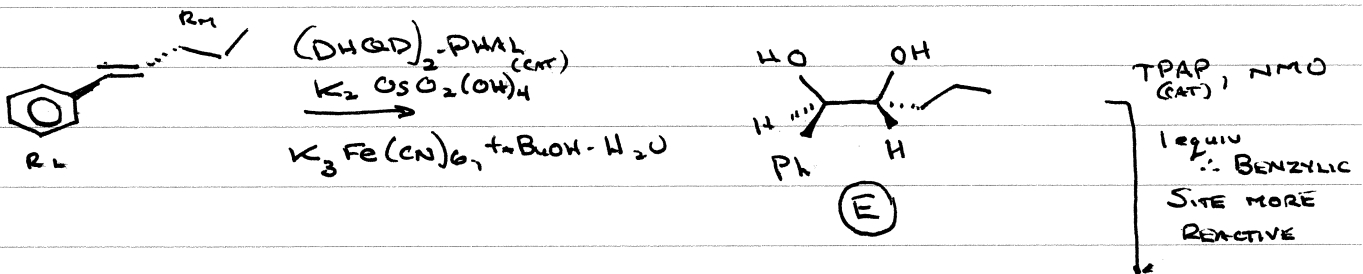


NOTE: THE TIN REAGENT IS ALSO FINE, BUT THE ORGANIZING AND GRIGNARD REAGENTS WILL ATTACK THE KETONE TOO.

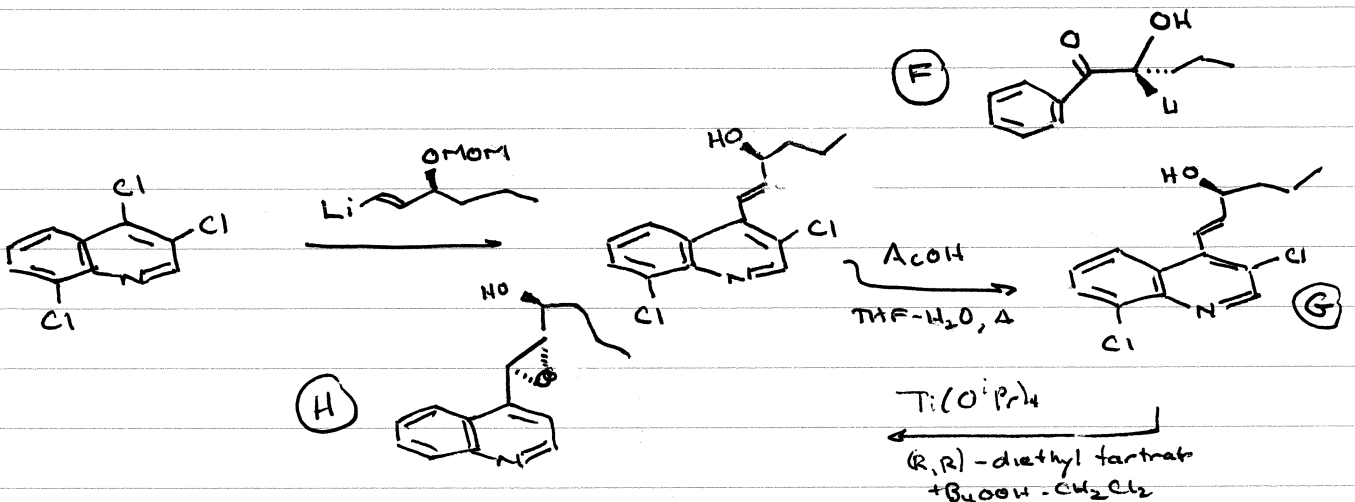
c)

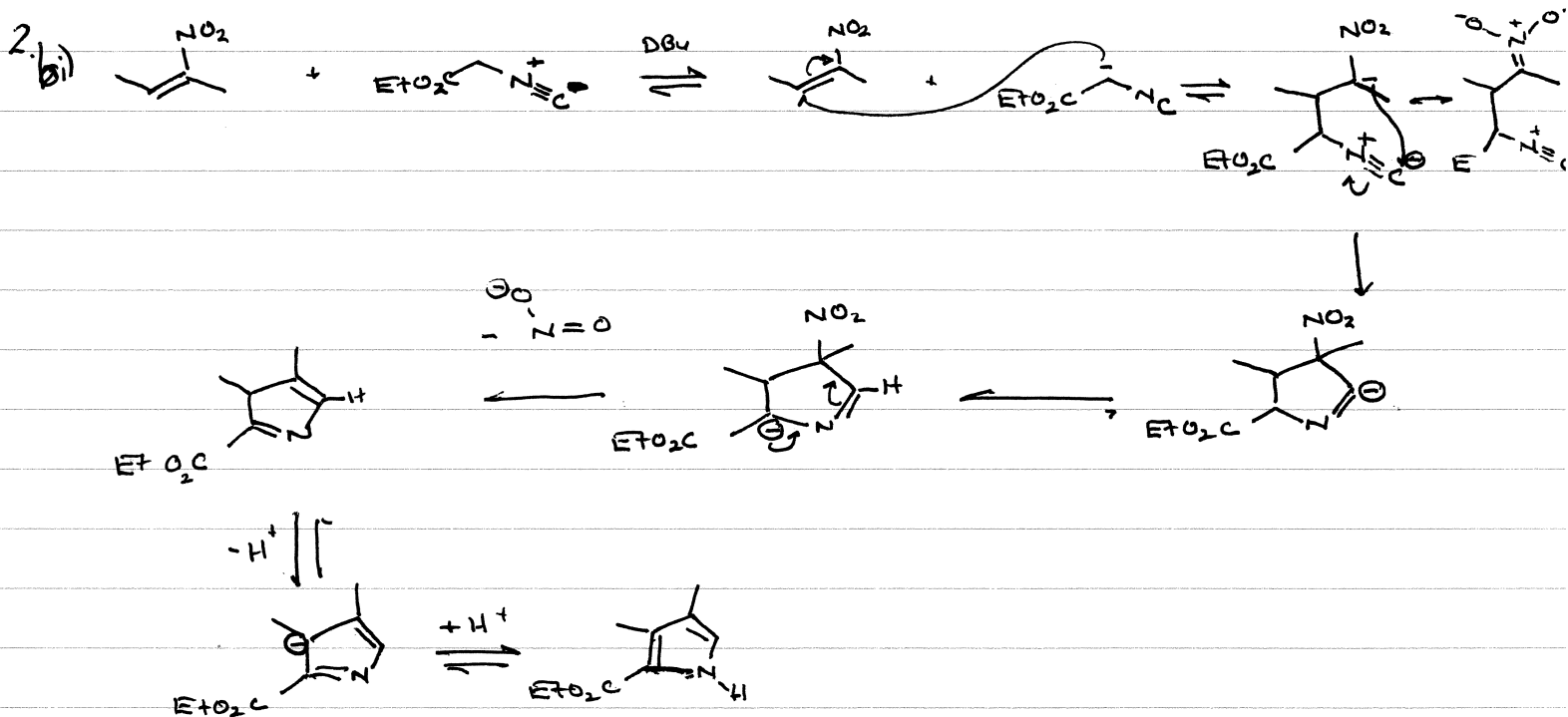
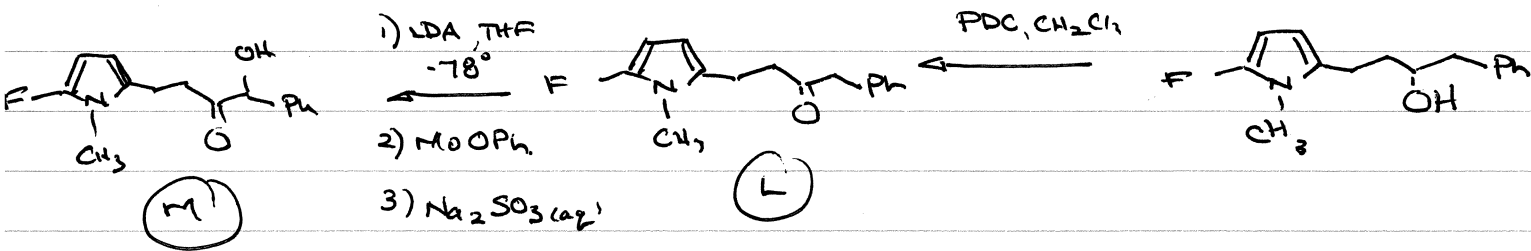
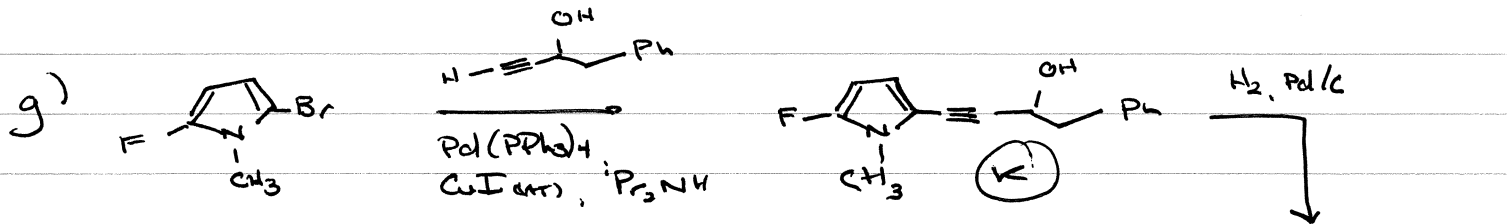
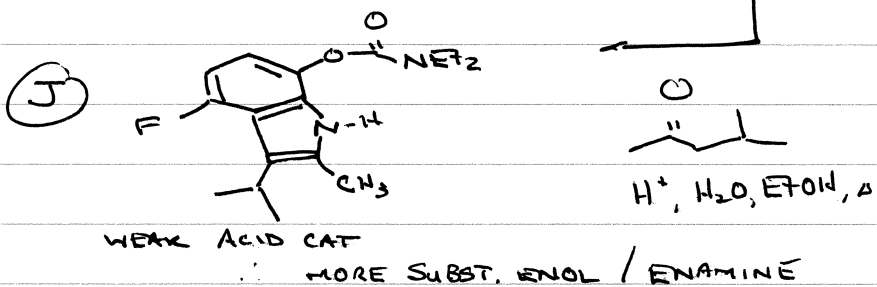
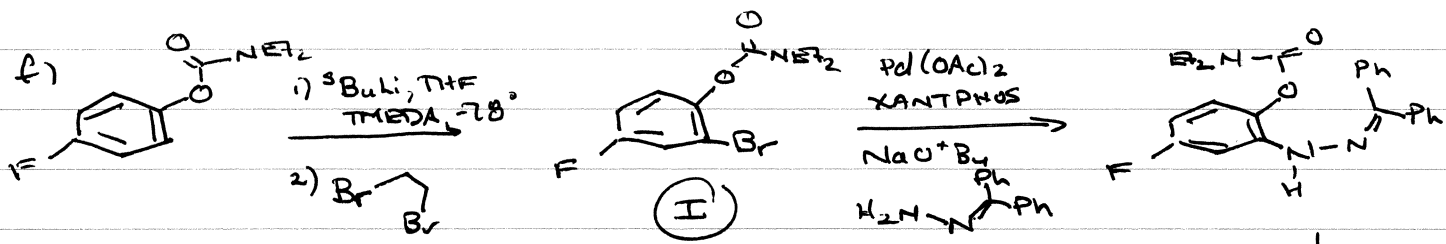


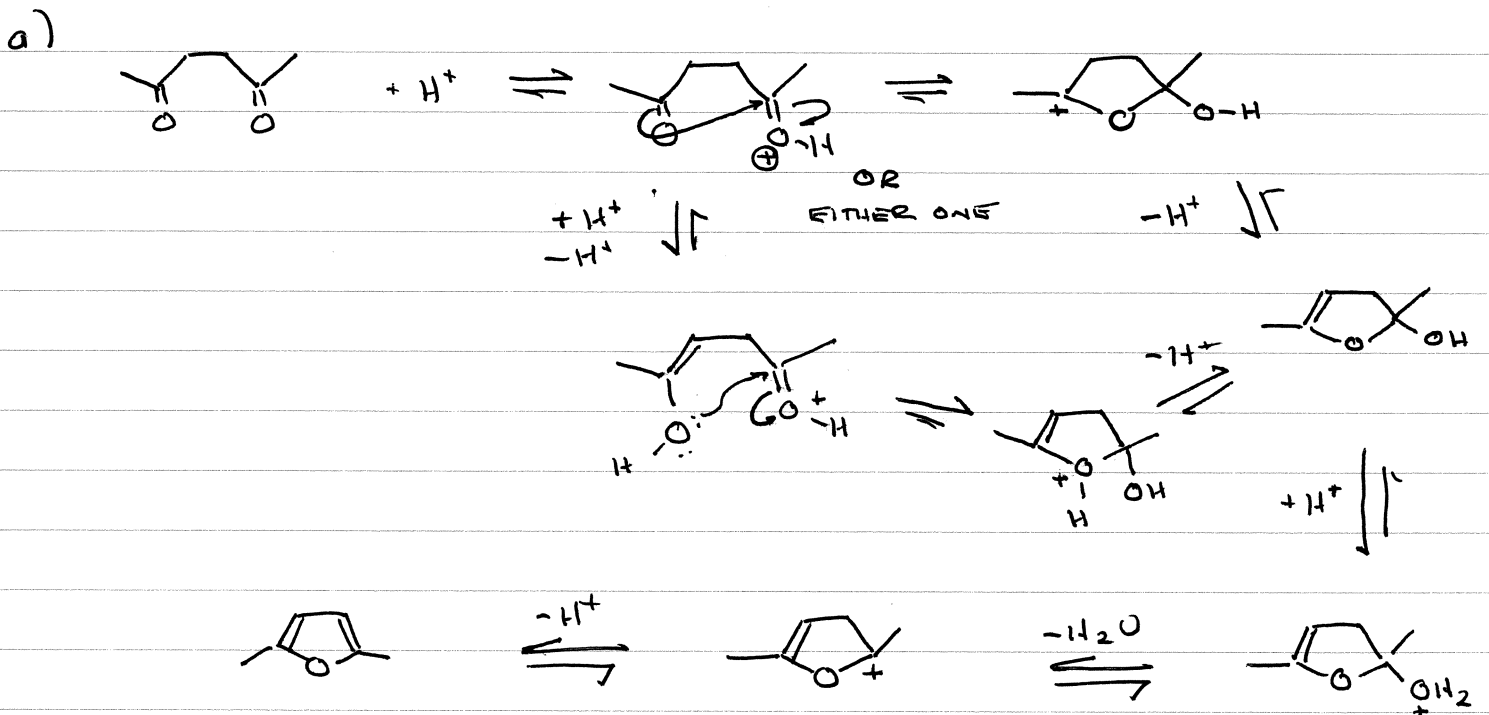
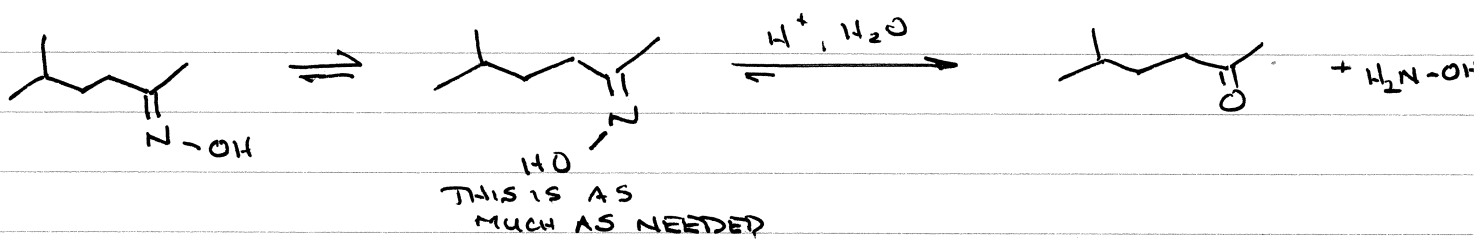
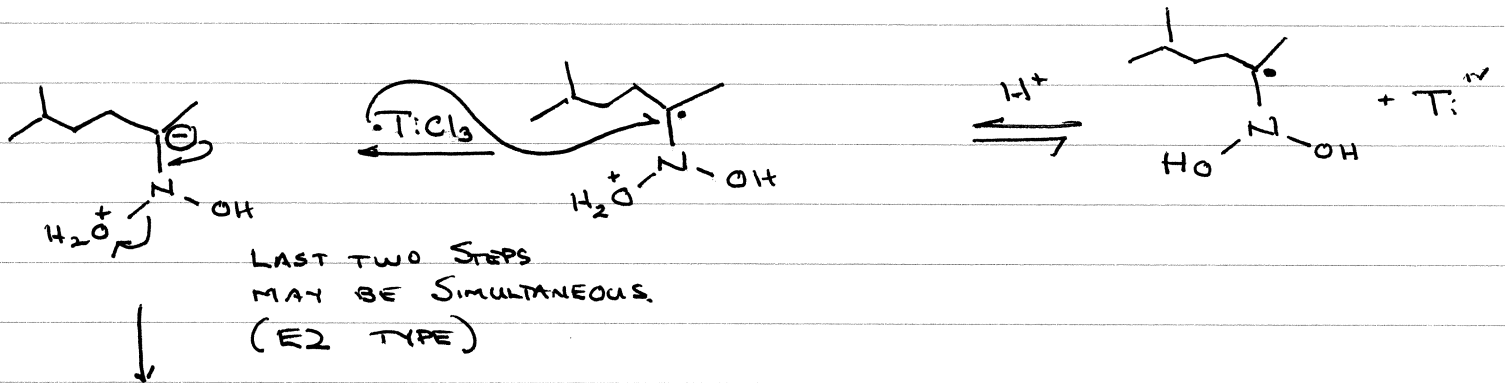
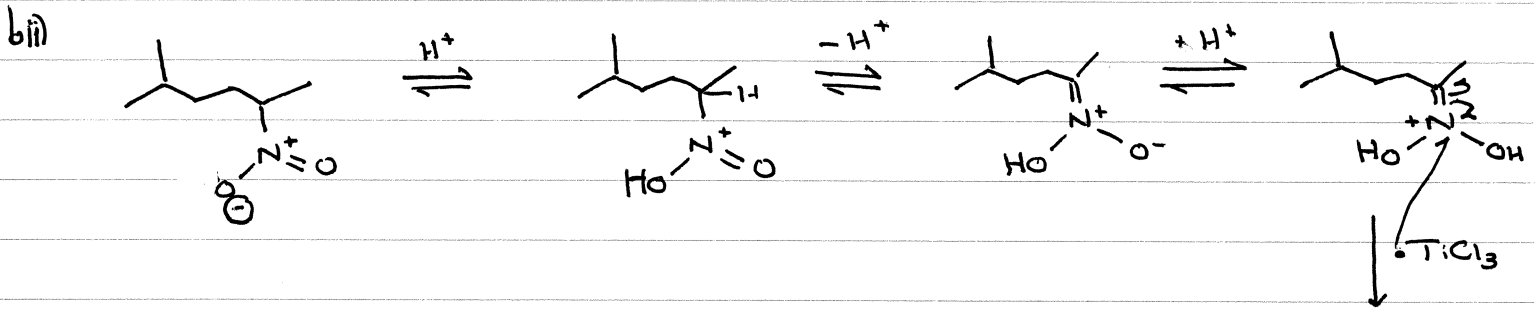
d)



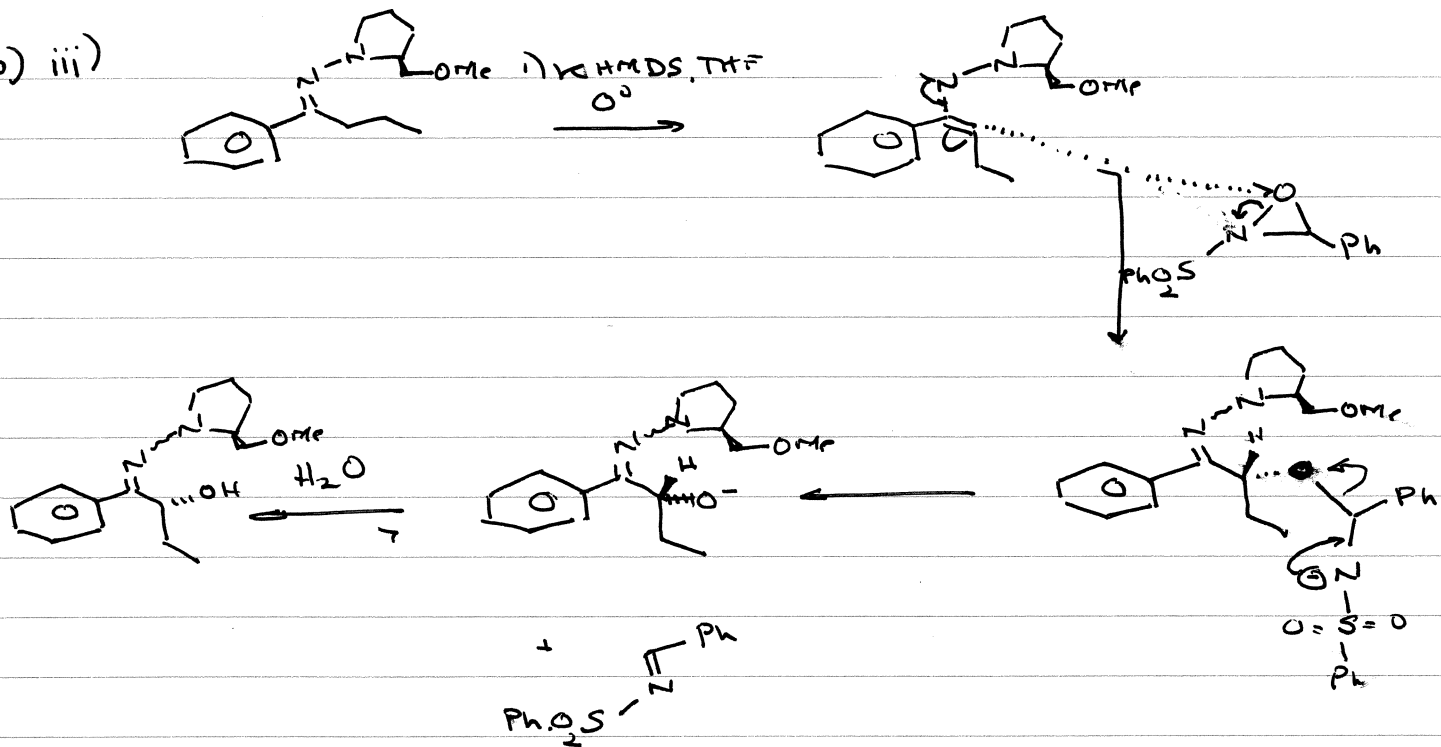
e)



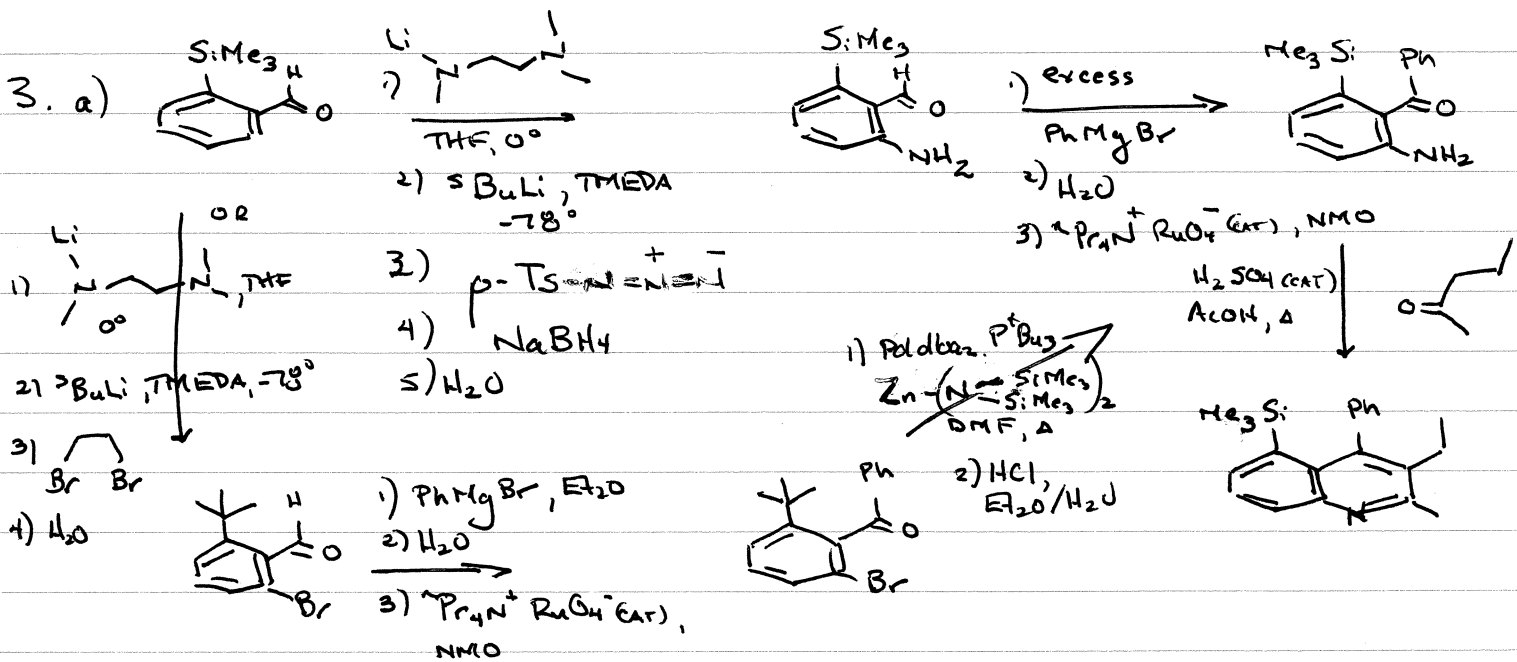
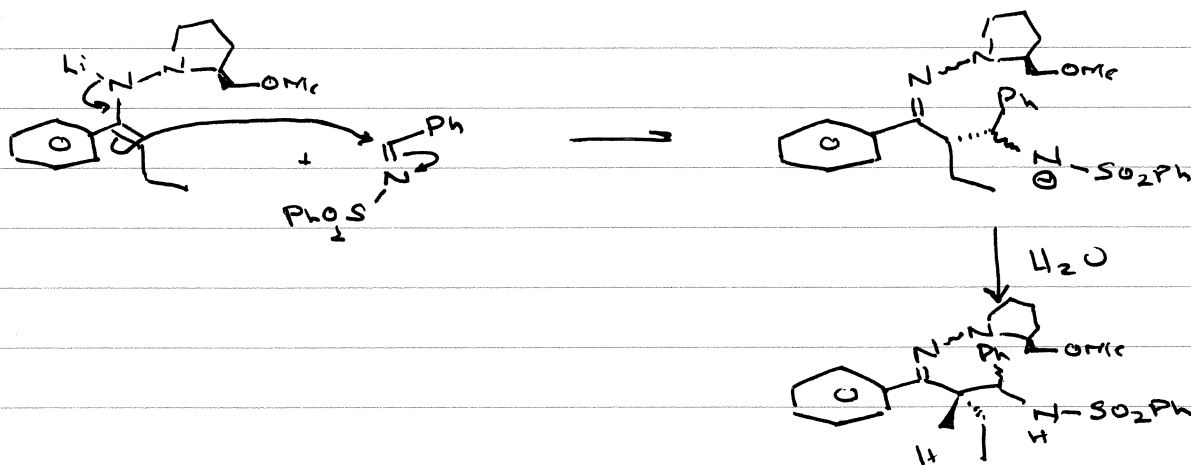


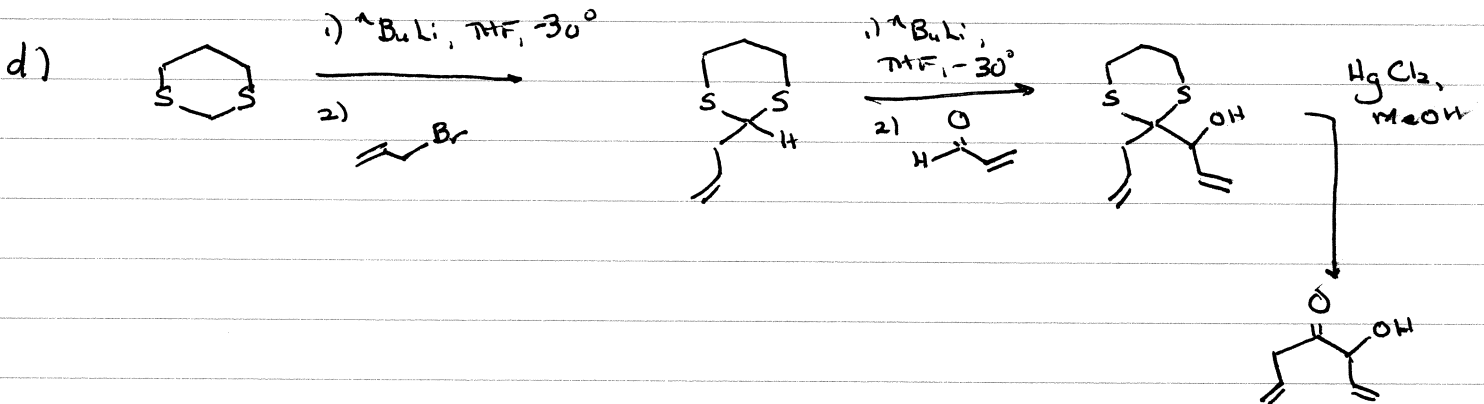
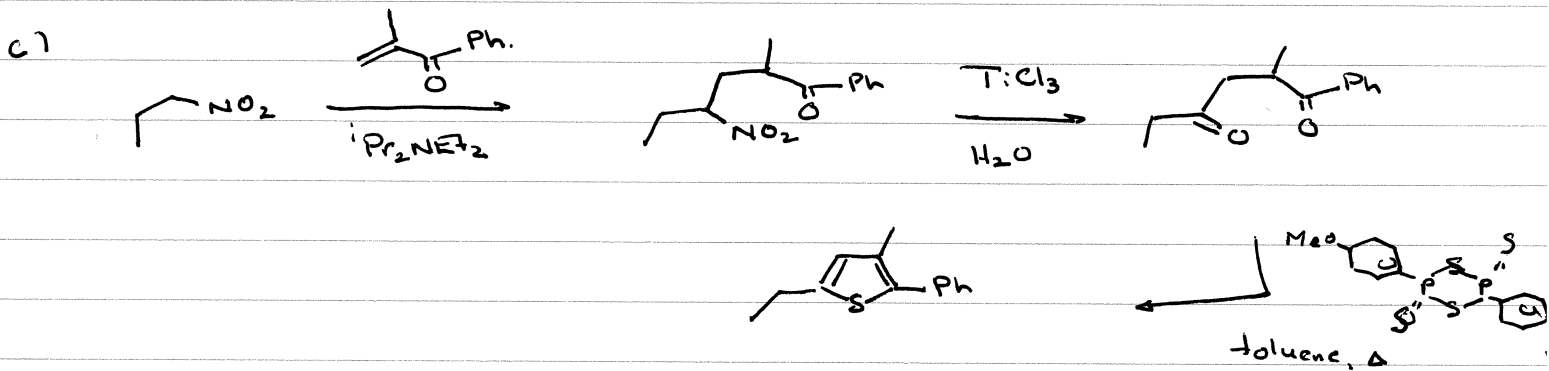
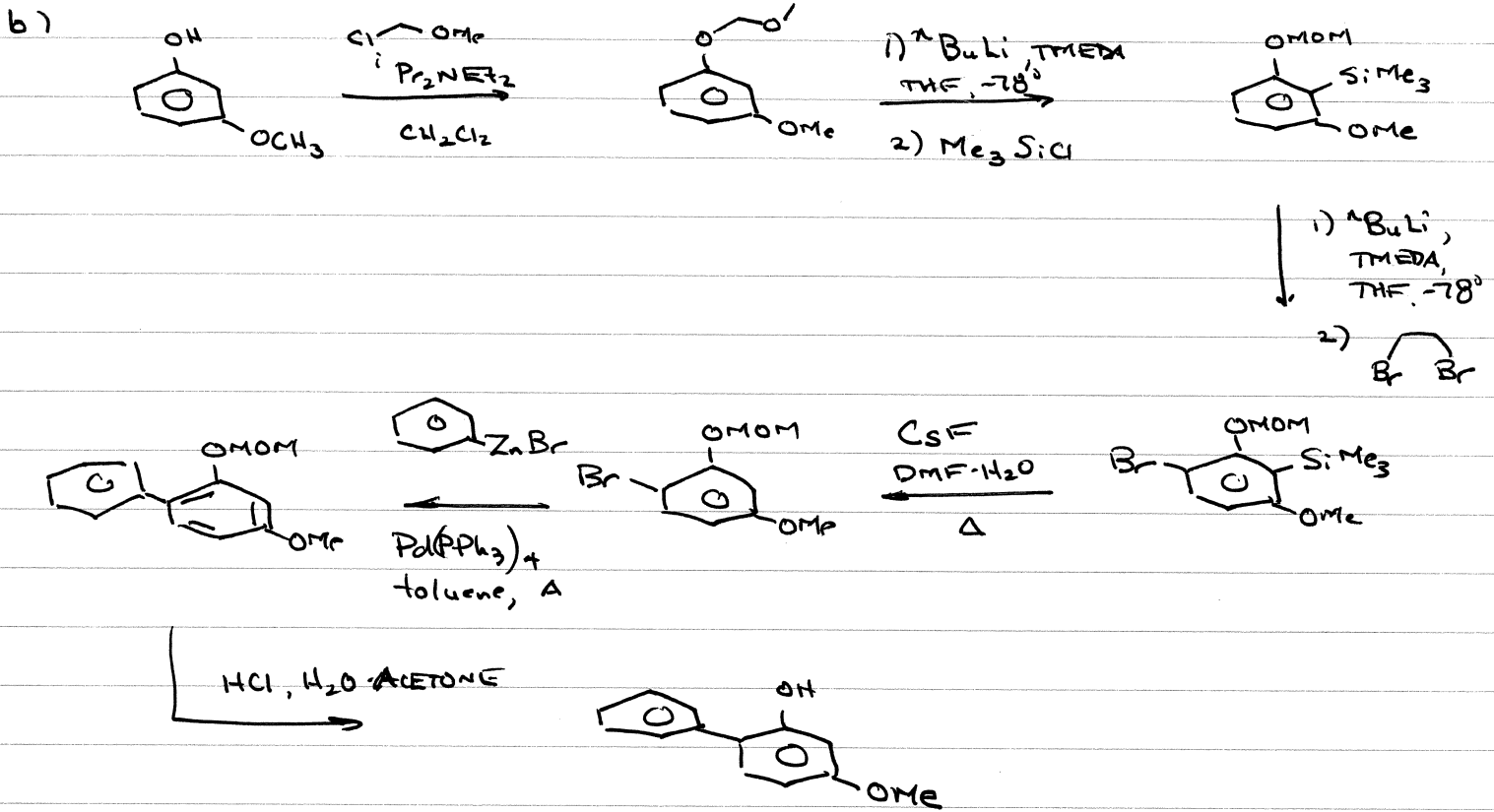


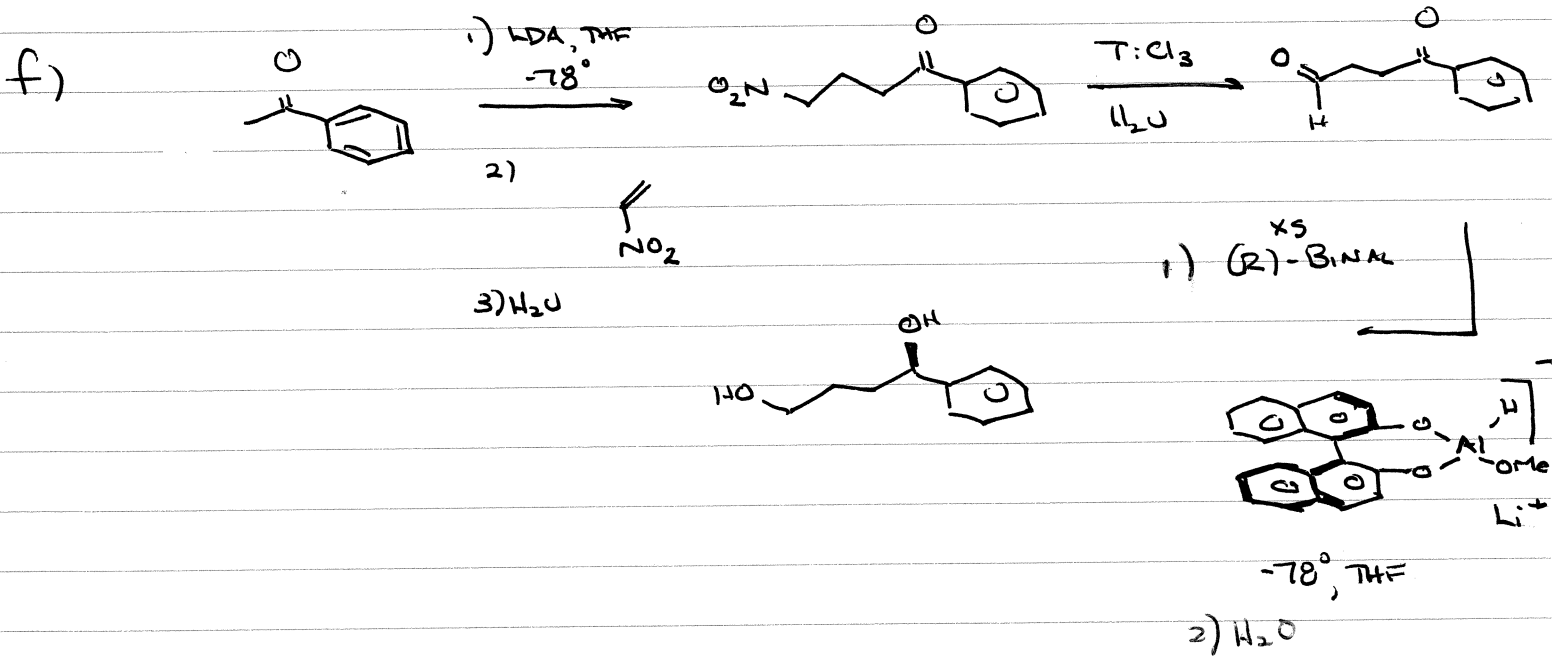
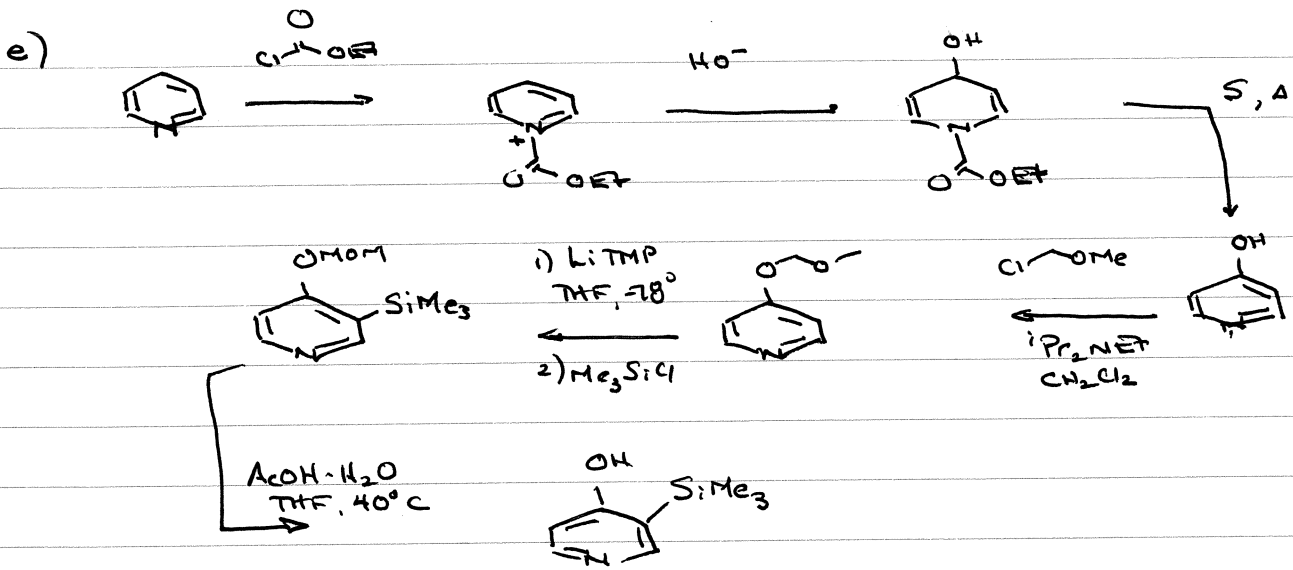
b) iii)



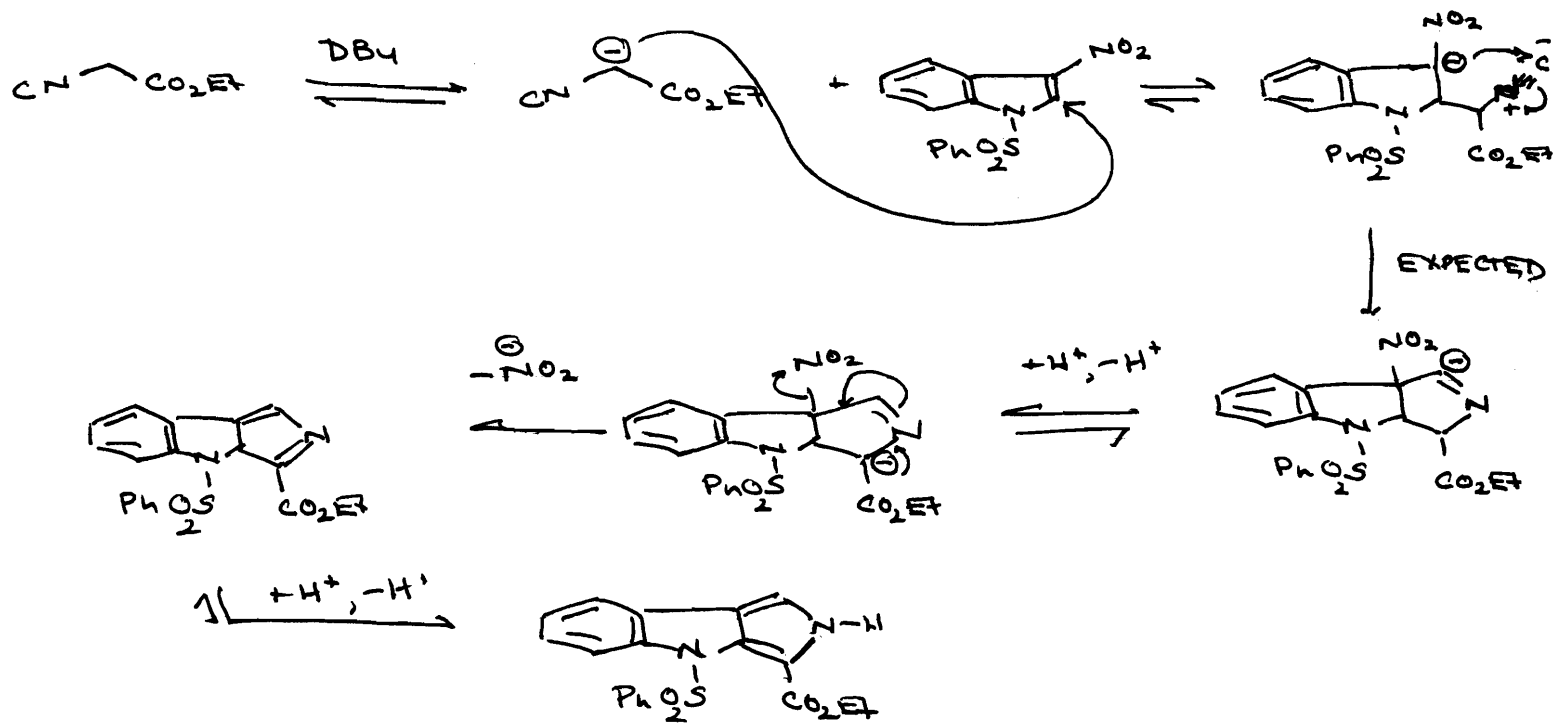
SIDE RXN IS:







Bonus: From PELKEY, E.T.; CHANG, L.; GRIBBLE, G.W.
 J. Chem. Soc. Chem. Commun 1996, 1909.



BUT WHAT HAPPENS HERE:

