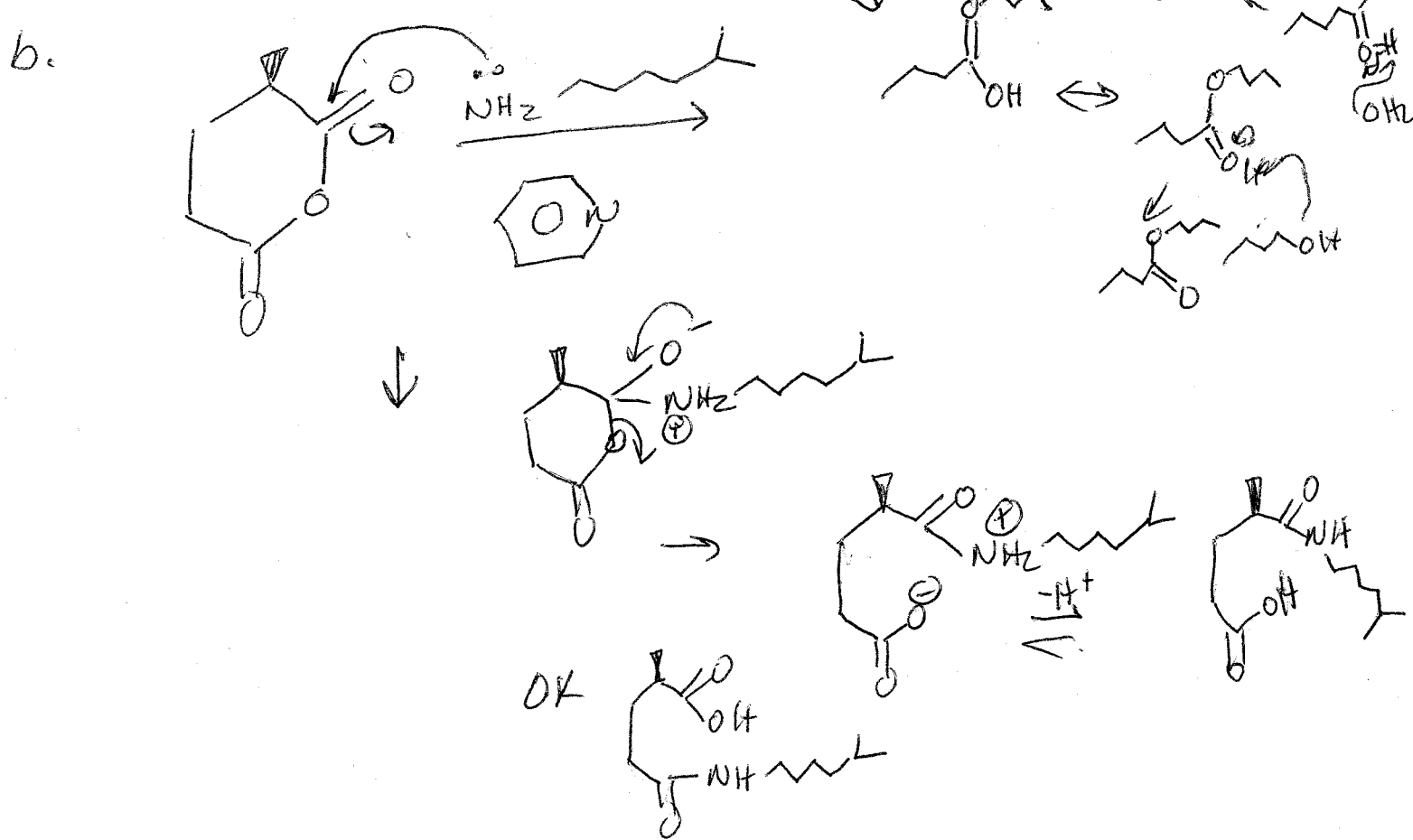
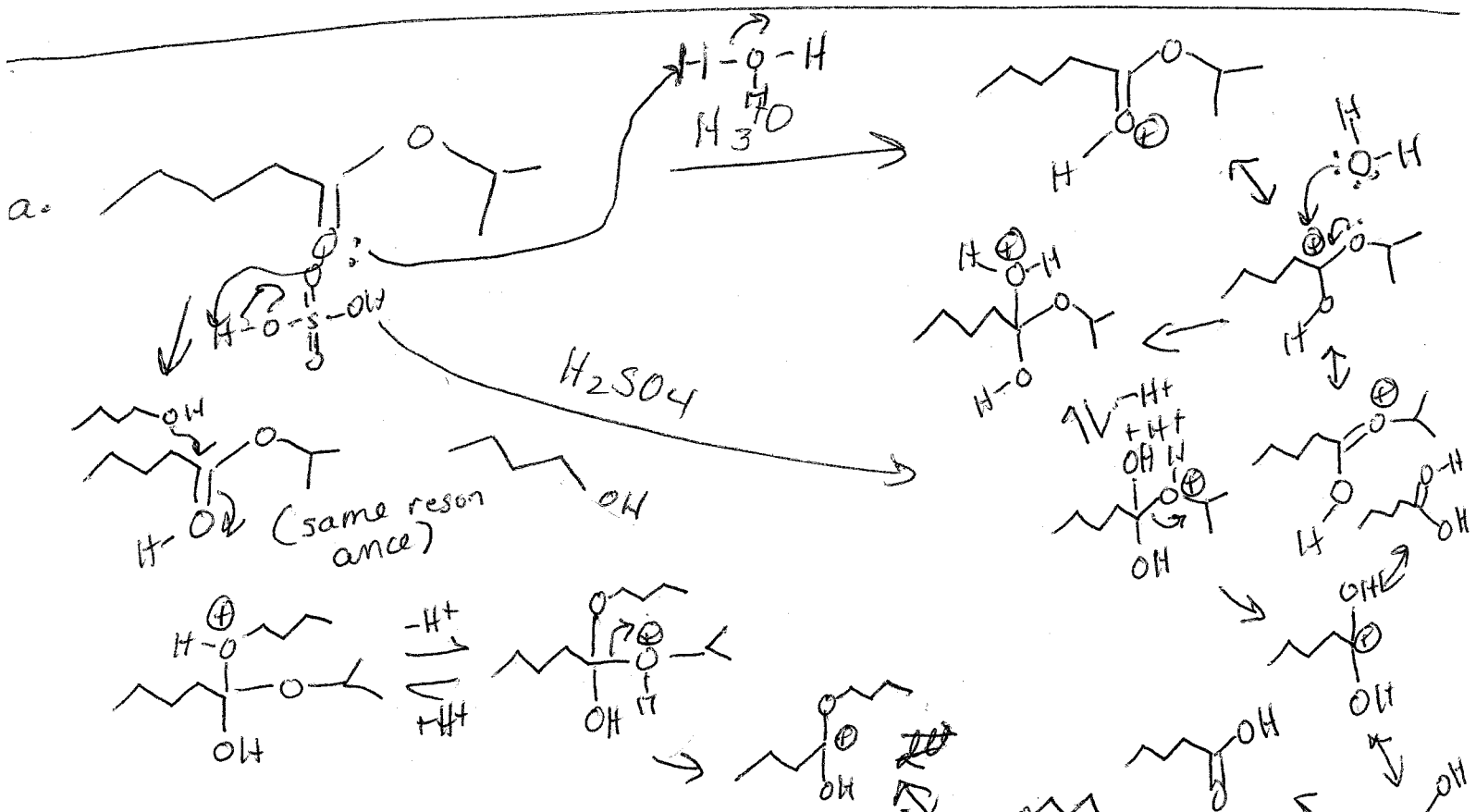


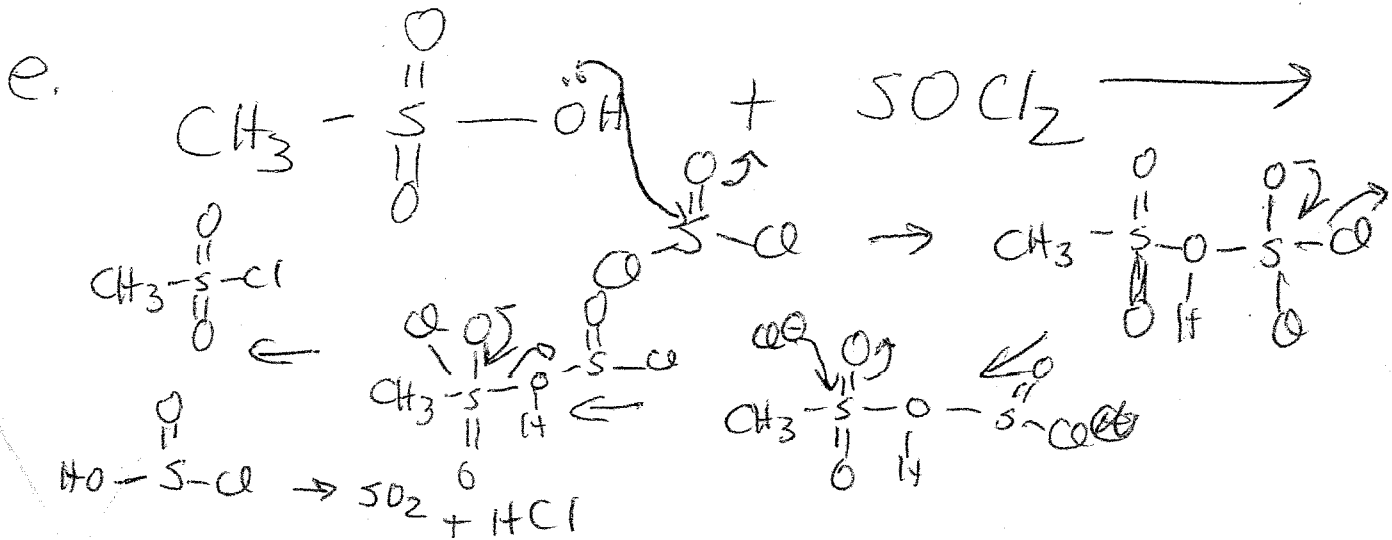
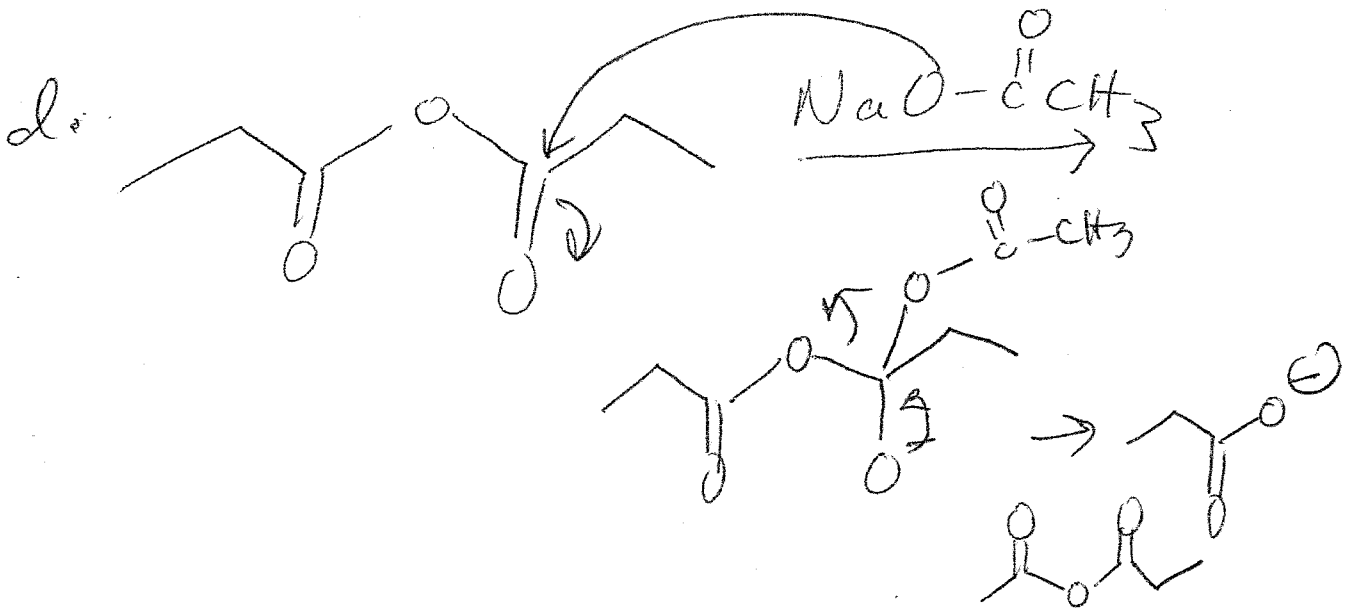
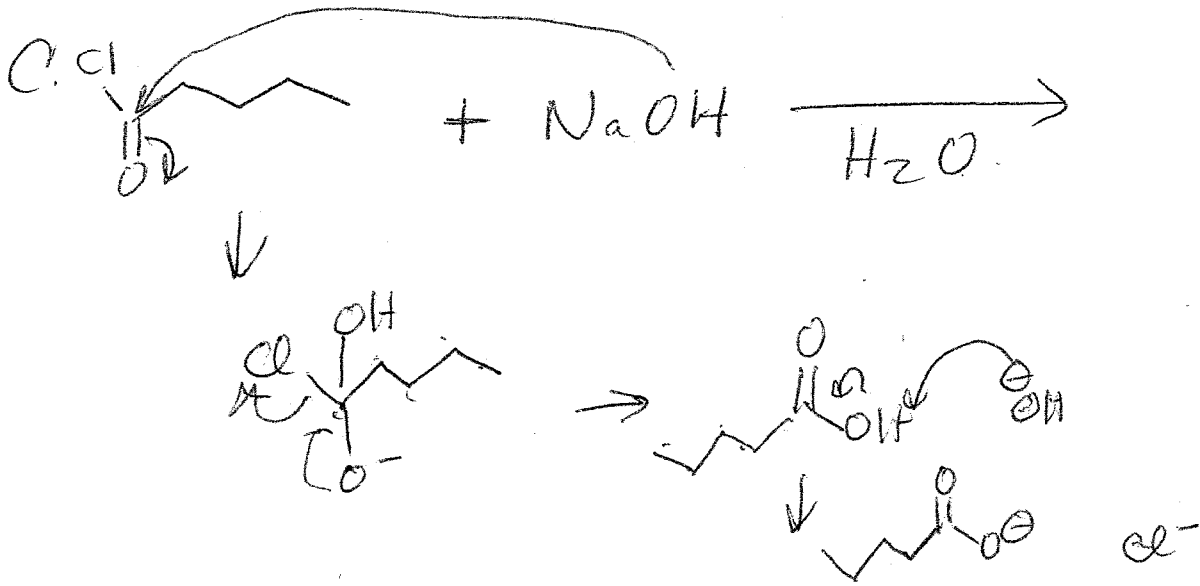
Problem
Nerz

Set April 15, 2011
Chem 212

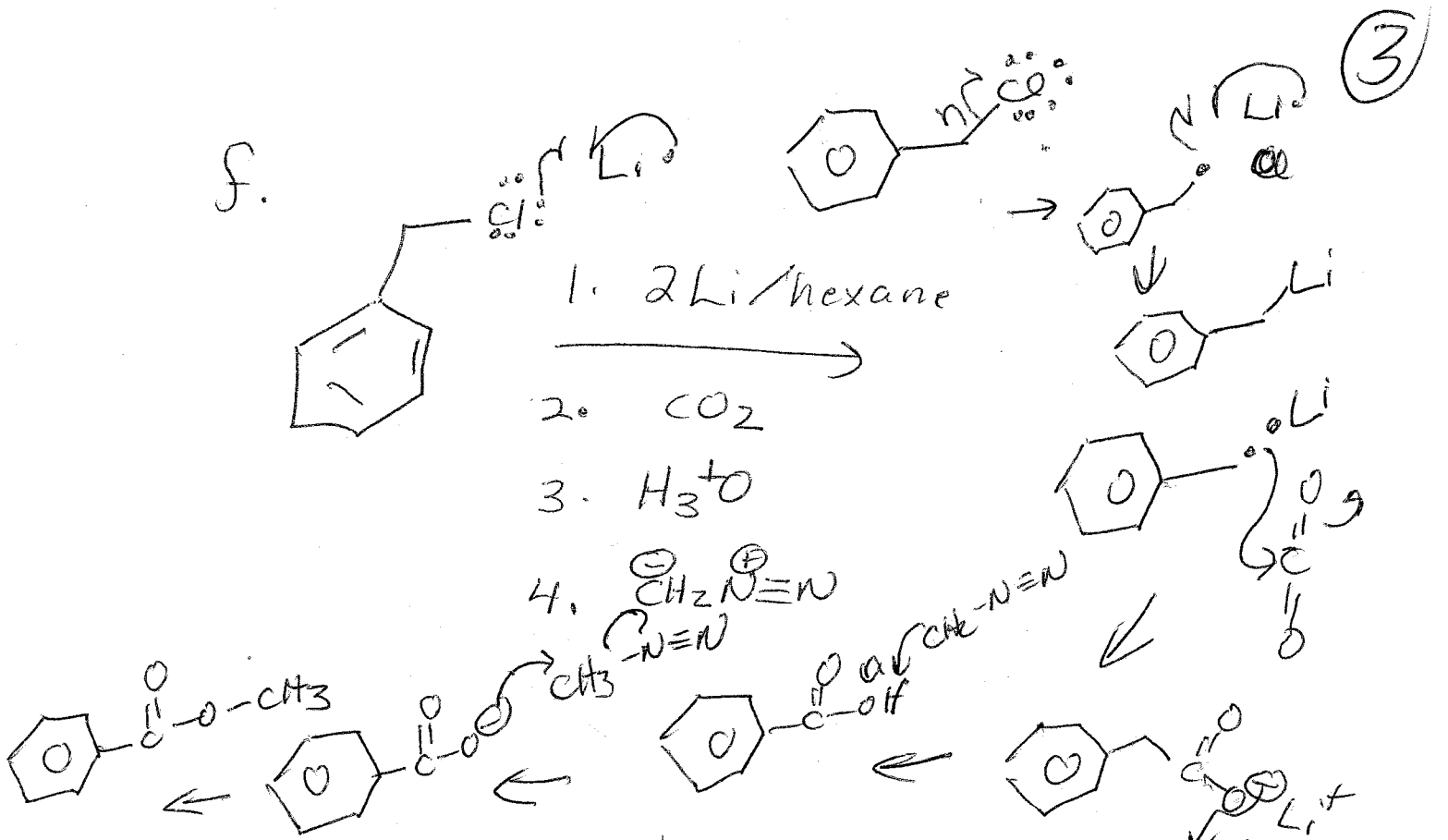
①



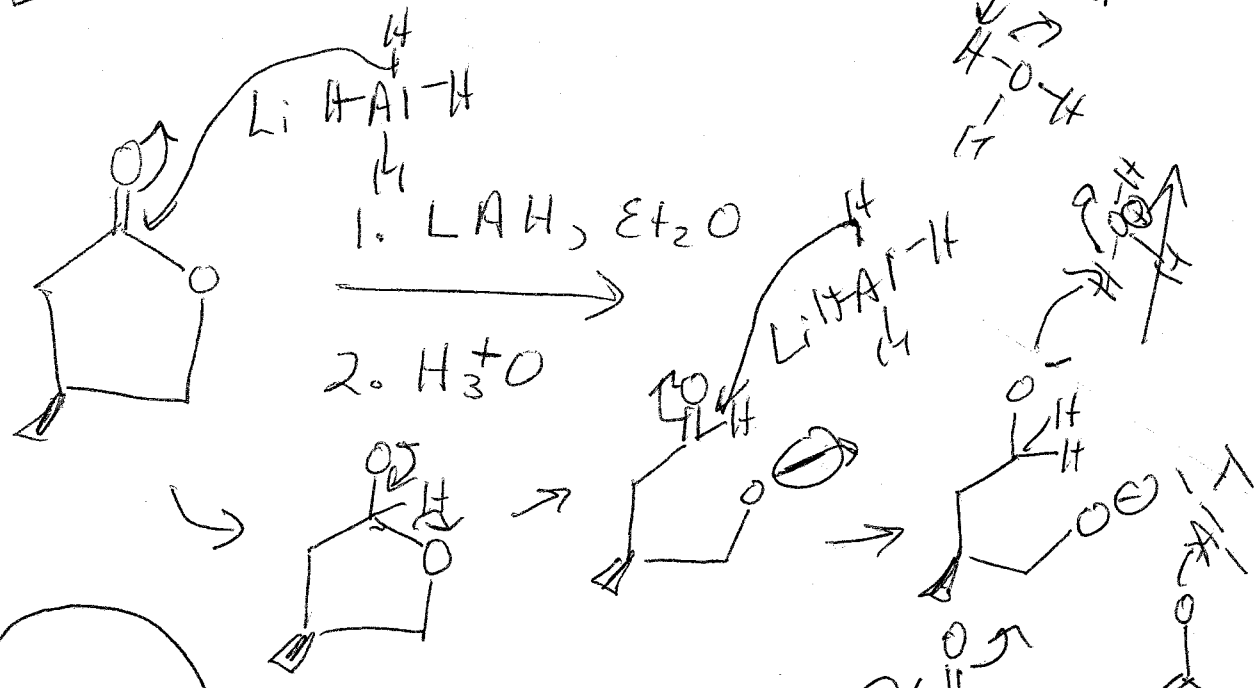
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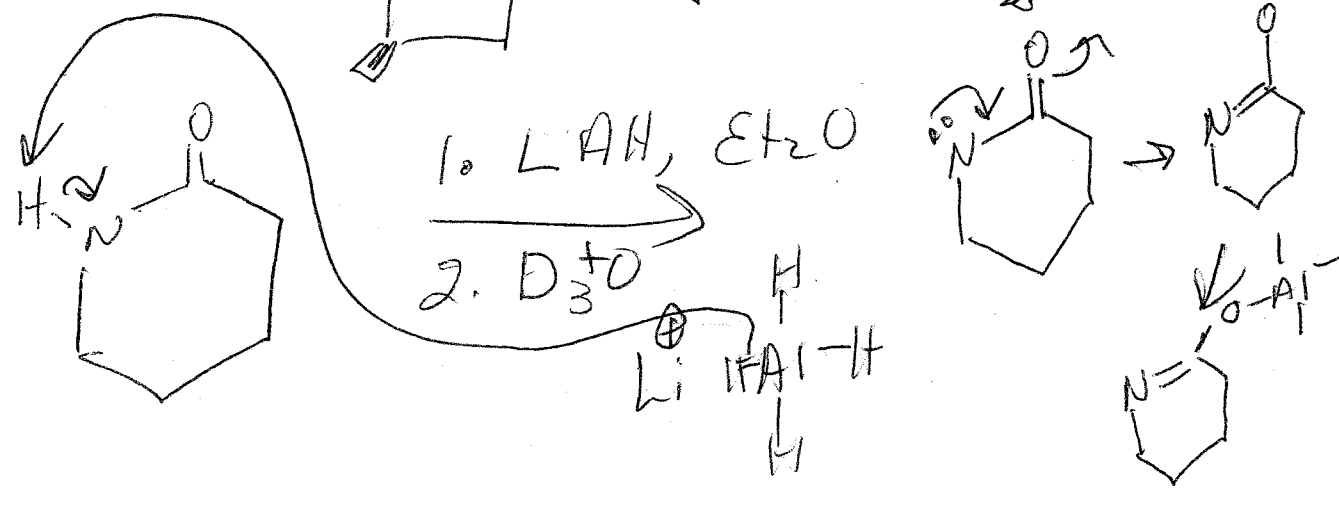
f.



g.



h.



(4)


2.



1. O_3

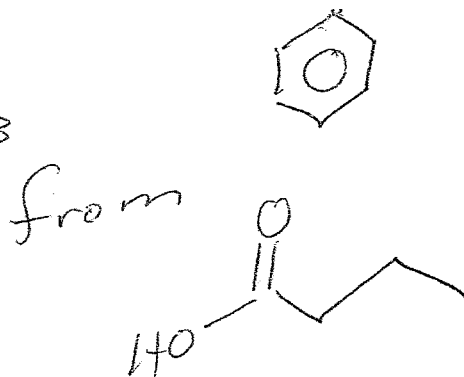
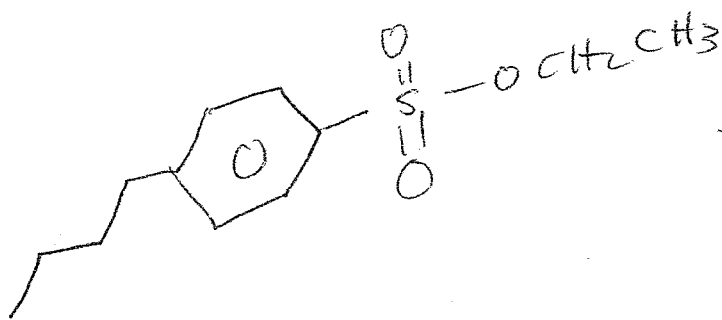
2. H_2O_2, H_2O

3. $K_2CO_3, CH_3CH_2CH_2Br$

4. 2 -MgBr-

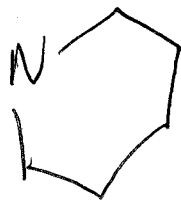
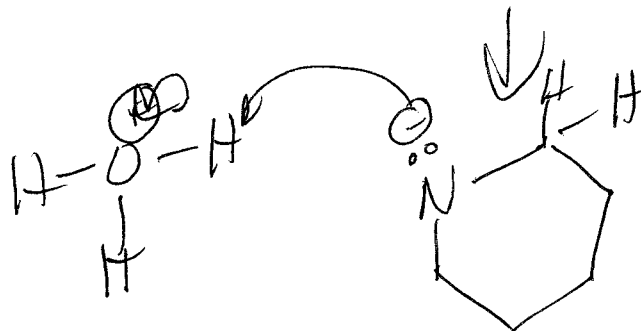
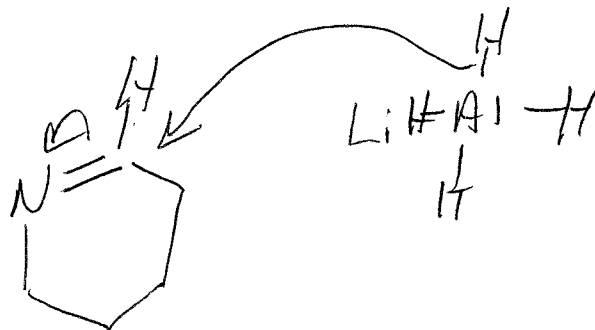
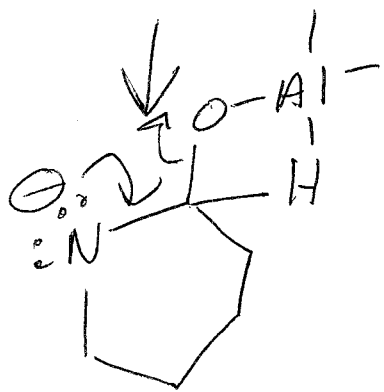
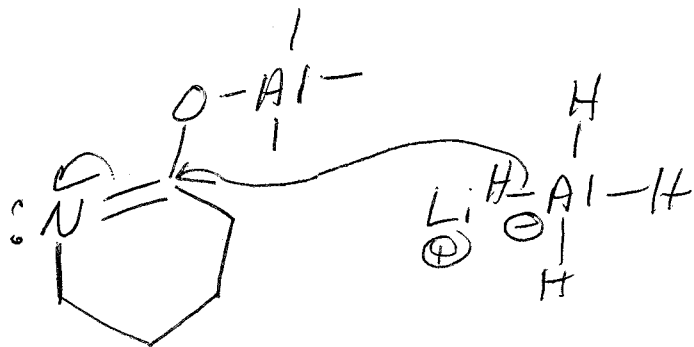
5. H_3O^+

Write a reasonable synthetic pathway to the target molecule from the given starting materials



1. cont.

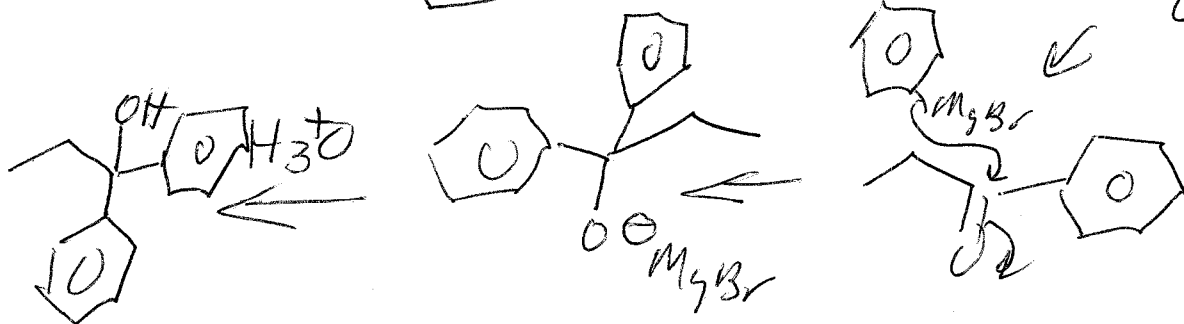
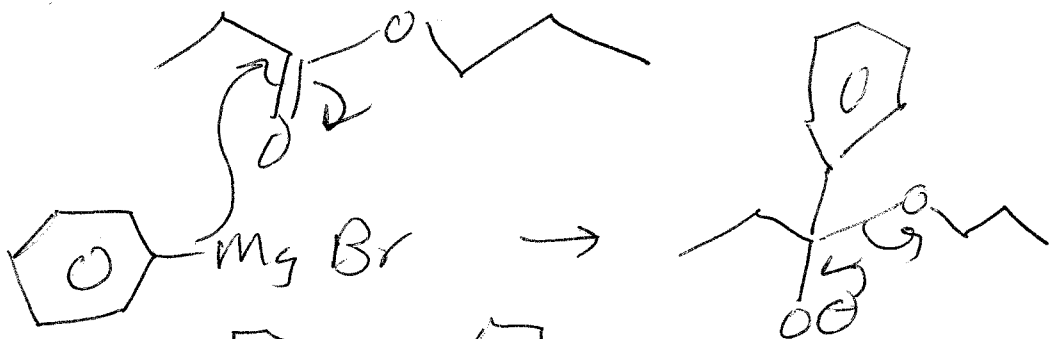
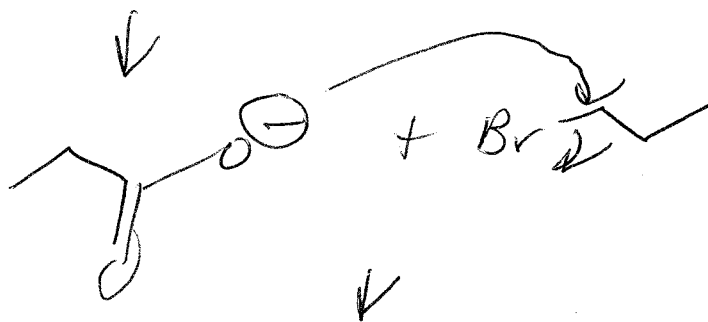
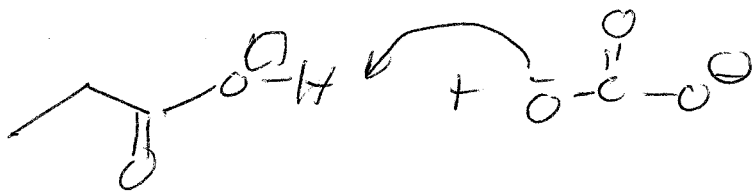
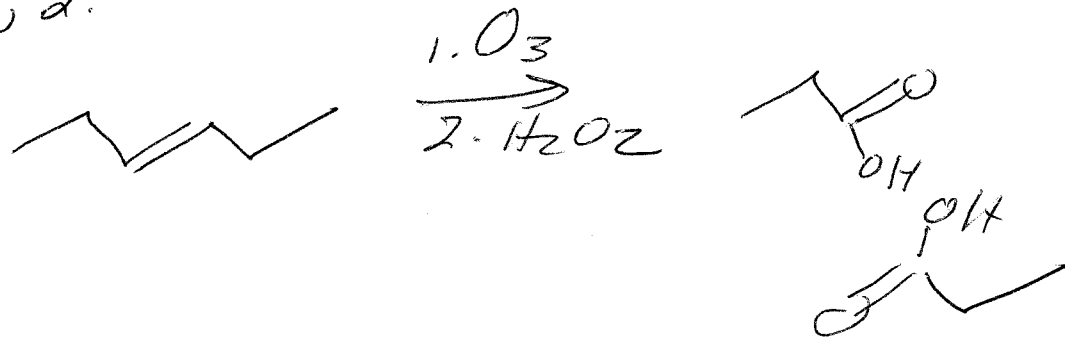
5



2. You are not responsible
for ozone mechanism

6

1., 2.



Synthesis

7

