BJM

Chemistry 2521 Quiz 4

Name:

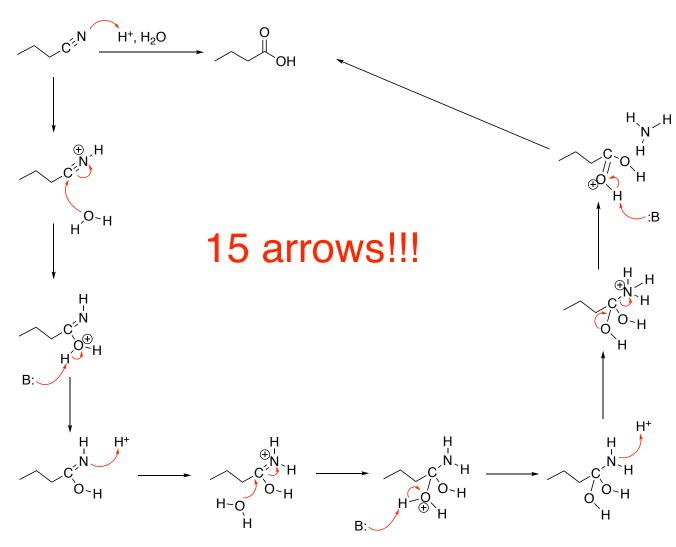
1. (12 pts) Give the major products of the following reactions.

2. (10 pts) Draw the mechanisms including resonance structures (that show distribution of charge) for the following 2 reactions for making enolates and enols.

3. (13 pts) Provide a detailed arrow pushing mechanism to account for the following transformation.

Resonance structures maybe helpful but they are not necessary.

You should draw 2 (or 1) arrows then draw the result of those arrows. More than 2 arrows is a problem.



4. (10 pts) For the compounds below, draw in or circle the most acidic proton and give the pKa.