

Last Name:

First Name:

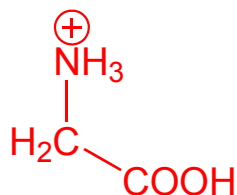
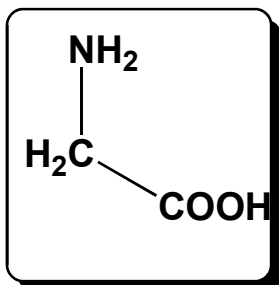
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SCORE: **KEY**

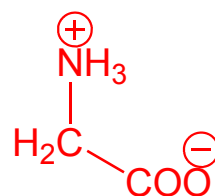
Deadline for CH310N HW 10: Dec 2; 3:00 PM

Amino acids exhibit different ionized groups at different pH. For the amino acid glycine ($pK_{a1}=2.35$ and $pK_{a2}=9.78$):

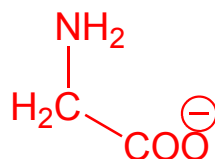
Draw the compound at pH 1



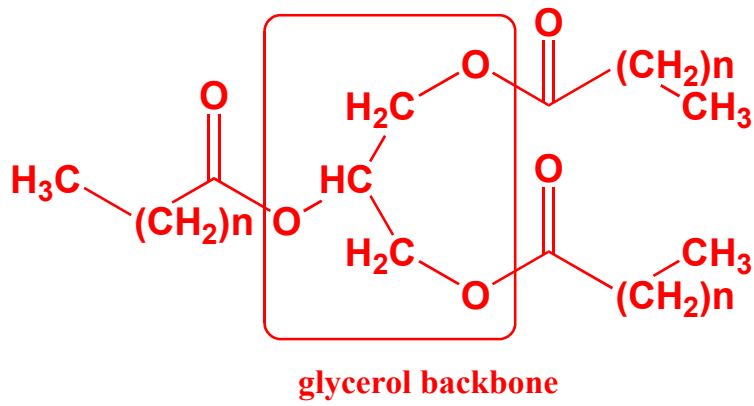
Draw the compound at the isoelectric point (pH=6.06)



Draw the compound at pH 12



Draw the basic structure for a triglyceride



$n=12$ to 18