

CHEM106 Quiz 4

Please show all equations, all substitutions, all units, and all work to receive any credit

Draw the complete Lewis structures for each of the following amino acids in the form that is most abundant at a physiological pH of 7.4. Except for aromatic rings; show all atoms, bonds, lone pairs, and full charges (not partial charges) for these compounds:

a. Phenylalanine

b. Serine

c. Glutamic Acid

d. Arginine

e. Leucine

f. Histidine

g. Asparagine

h. Alanine