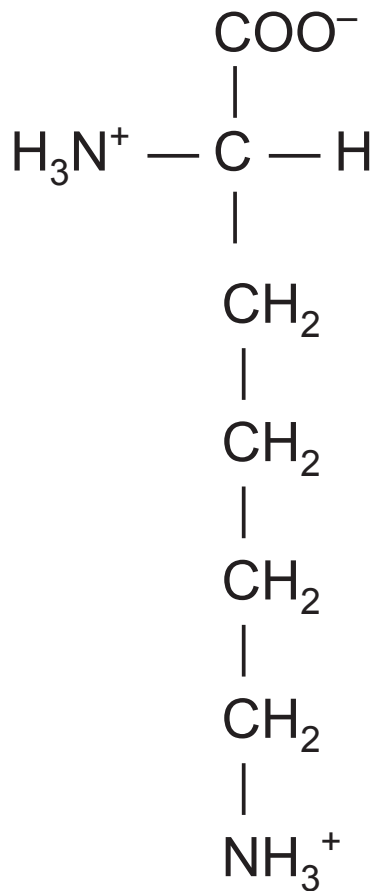




$$\text{pK}_1 (\text{COO}^-) = 2,2$$

$$\text{pK}_2 (\text{NH}_3^+) = 9,0$$

$$\text{pK}_3 (\text{NH}_3^+) = 10,4$$

$$\text{I.P.} = \frac{9,0 + 10,4}{2} = 9,7$$