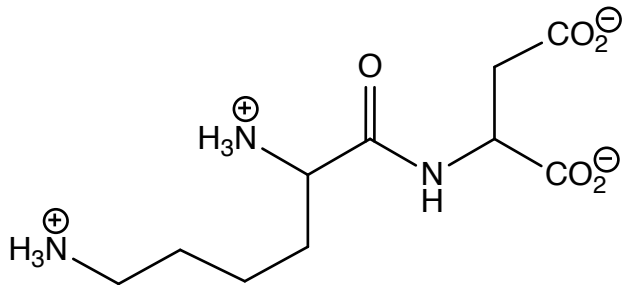


Quiz #2

Here is a lovely dipeptide drawn as it would appear at physiological pH.



1. Label the amino terminus.
2. Label the carboxyl terminus.
3. Put a wavy line through any peptide bonds.
4. Circle any α -carbons.
5. What would the charge be on this dipeptide at $\text{pH} = 12$?