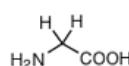
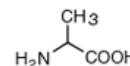
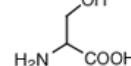
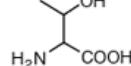
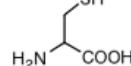
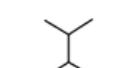
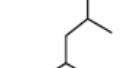
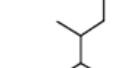
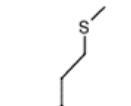
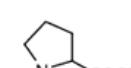
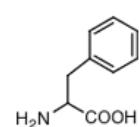
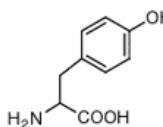
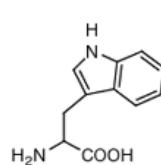
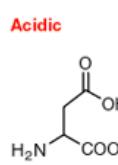
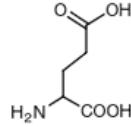
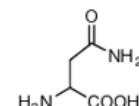
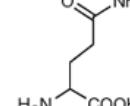
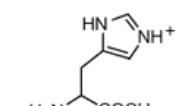
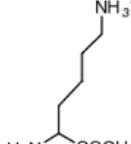
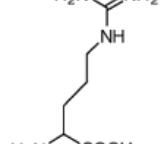
**Small**Glycine (Gly, G)
MW: 57.05Alanine (Ala, A)
MW: 71.09**Nucleophilic**Serine (Ser, S)
MW: 87.08, pKa ~ 16Threonine (Thr, T)
MW: 101.11, pKa ~ 16Cysteine (Cys, C)
MW: 103.15, pKa = 8.35**Hydrophobic**Valine (Val, V)
MW: 99.14Leucine (Leu, L)
MW: 113.16Isoleucine (Ile, I)
MW: 113.16Methionine (Met, M)
MW: 131.19Proline (Pro, P)
MW: 97.12**Aromatic**Phenylalanine (Phe, F)
MW: 147.18Tyrosine (Tyr, Y)
MW: 163.18Tryptophan (Trp, W)
MW: 186.21Aspartic Acid (Asp, D)
MW: 115.09, pKa = 3.9Glutamic Acid (Glu, E)
MW: 129.12, pKa = 4.07**Amide**Asparagine (Asn, N)
MW: 114.11Glutamine (Gln, Q)
MW: 128.14**Basic**Histidine (His, H)
MW: 137.14, pKa = 6.04Lysine (Lys, K)
MW: 128.17, pKa = 10.79Arginine (Arg, R)
MW: 156.19, pKa = 12.48