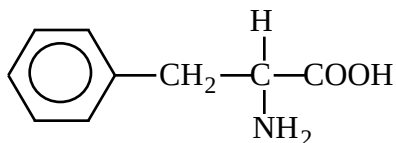
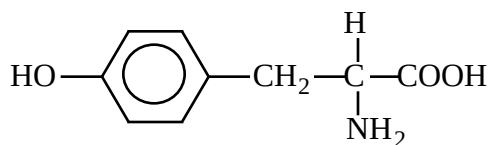


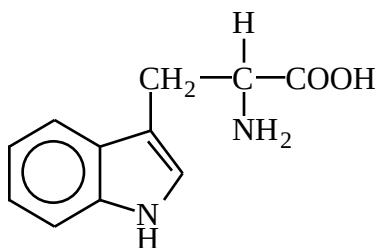
Aromatic



Phenylalanine (F) alanine with a phenol group which you KNOW is aromatic, the “Y” in *phenyl* can remind you which 3 amino acids with names beginning with T (the “T”s) are aromatics

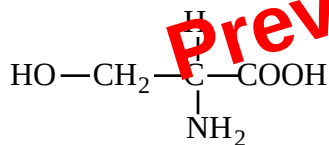


Tyrosine (Y) *hydroxylated* phenylalanine, one of 3 “T”s that has “Y” in its name so it is an aromatic

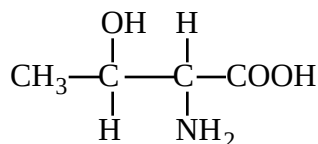


Tryptophan (W) one of 3 “T”s with a “Y” so it is aromatic, will “tryp” you in because it is hard to remember, has a 3 carbon start to N (or *indole* ring on *methylene*)

Aliphatic hydroxyl



Serine (S) “*hydroxyl* alanine”



Threonine (T) one of 3 “T”s, without “Y” so aliphatic (also its symbol is the first letter of its name like the other aliphatics), its “threo” parts are *methyl*, *hydroxyl*, and hydrogen on a single C