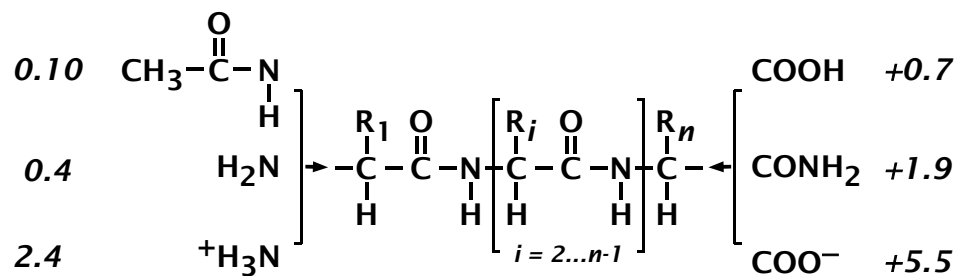


Partitioning Free Energy from Water to Octanol



**Sum of
+ Whole-Residue Octanol Scale +
Free Energies**



Amino Acid	ΔG_{Oct} (kcal mol ⁻¹)
Ala	0.50 ± 0.12
Arg ⁺	1.81 ± 0.13
Asn	0.85 ± 0.12
Asp ⁻	3.64 ± 0.17
Asp ⁰	0.43 ± 0.13
Cys	-0.02 ± 0.13
Gln	0.77 ± 0.12
Glu ⁻	3.63 ± 0.18
Glu ⁰	0.11 ± 0.12
Gly	1.15 ± 0.11
His ⁺	2.33 ± 0.11
His ⁰	0.11 ± 0.11
Ile	-1.12 ± 0.11
Leu	-1.25 ± 0.11
Lys ⁺	2.80 ± 0.11
Met	-0.67 ± 0.11
Phe	-1.71 ± 0.11
Pro	0.14 ± 0.11
Ser	0.46 ± 0.11
Thr	0.25 ± 0.11
Trp	-2.09 ± 0.11
Tyr	-0.71 ± 0.11
Val	-0.46 ± 0.11