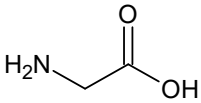
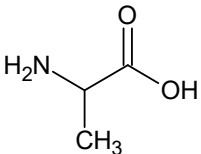
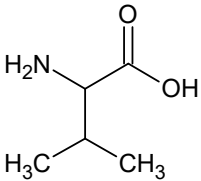
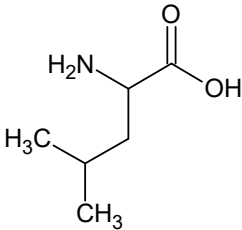
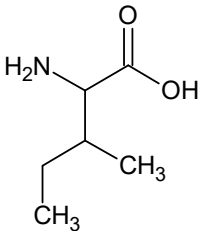
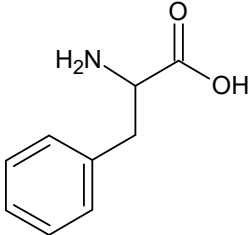
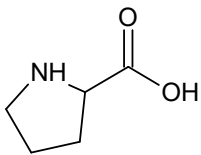
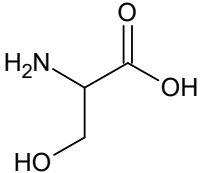
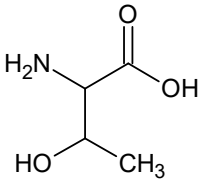
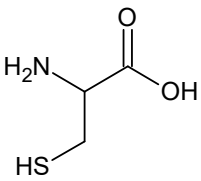
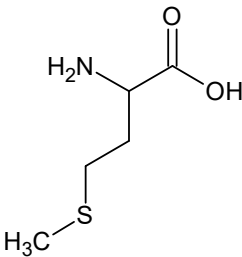
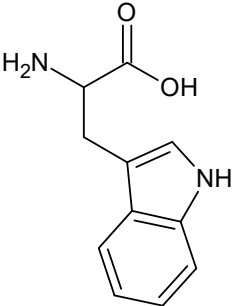
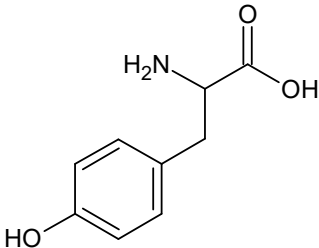
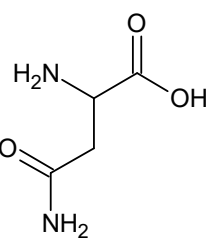
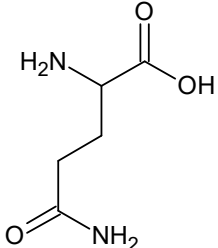
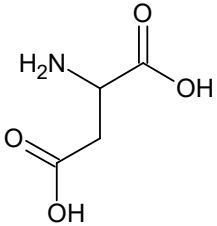
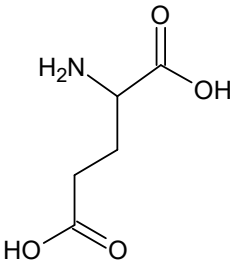
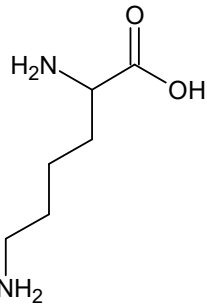
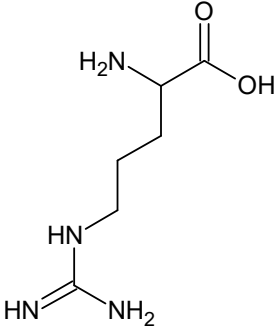
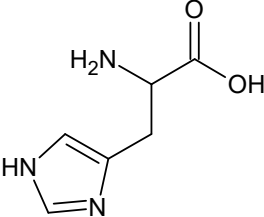


Zwanzig Standard-Aminosäuren: Bausteine des Lebendigen



... mit Ein- und Dreibuchstaben-Code und isoelektrischem Punkt (pI). Für diese AS finden sich Codons im genetischen Code (Standard-Vs). Es gibt auch weitere proteinogene AS, z.B. *Selenocystein* oder *Hydroxyprolin*. Strikt essentielle AS sind mit (*) markiert.

 <p>Glycin, G, Gly, pI = 5,97</p>	 <p>Alanin, A, Ala, 6,00</p>	 <p>Valin, V, Val, 5,96, (*)</p>	 <p>Leucin, L, Leu, 6,02, (*)</p>
 <p>Isoleucin, I, Ile, 5,98, (*)</p>	 <p>Phenylalanin, F, Phe, 5,48, (*)</p>	 <p>Prolin, P, Pro, 6,30</p>	 <p>Serin, S, Ser, 5,68</p>
 <p>Threonin, T, Thr, 5,60, (*)</p>	 <p>Cystein, C, Cys, 5,05</p>	 <p>Methionin, M, Met, 5,74, (*)</p>	 <p>Tryptophan, W, Trp, 5,89, (*)</p>
 <p>Tyrosin, Y, Tyr, 5,66</p>	 <p>Asparagin, N, Asn, 5,41</p>	 <p>Glutamin, Q, Gln, 5,65</p>	 <p>Asparaginsäure, D, Asp, 2,77</p>
 <p>Glutaminsäure, E, Glu, 3,22</p>	 <p>Lysin, K, Lys, 9,74, (*)</p>	 <p>Arginin, R, Arg, 10,76</p>	 <p>Histidin, H, His, 7,59</p>