

Amino acid Properties

Amino acid *side-chain* **properties** (labels) are used in **MuLiMs software** as amino acid weights

1. Mass (MM)
2. Volume (MV)
3. Z1-scale (Z1)
4. Z2-scale (Z2)
5. Z3-scale (Z3)
6. Atomic charge (ECI)
7. Isotropic surface area (ISA)
8. Hoop-Woods hydropathy index (HWS)
9. Kyte-Doolittle hydropathy index (KDS)
10. Isoelectric point (PIE)
11. Heat of formation (EPS)
12. Relative Alpha helix frequency (PAH)
13. Relative Beta-sheet frequency (PBS)
14. Relative Reverse turn frequency (PTT)
15. Geometric compatibility parameter 1(GCP1)
16. Geometric compatibility parameter 2(GCP2)