

## SPECIFICATION

### D-Tryptophan

Parameters	Specification
CAS Number	153-94-6
Appearance	White to off-white powder
Molecular Formula	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	204.23 g/mol
Boiling Point	315 °C
Melting Point	287 °C
Flash Point	260 °C
Purity	98–99%
Refractive Index	1.6
Solubility	Sparingly soluble in water; soluble in dilute acids; soluble in ethanol.
Uses	Building block for peptide synthesis; precursor to serotonin; used in biochemical and pharmacological research; standard for chromatography



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