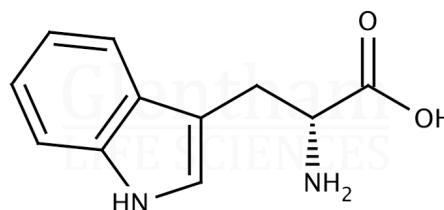


Product Specification

Product Name	D-Tryptophan
Glentham Code	GM5015
CAS Number	153-94-6
EINECS	205-819-9
MDL Number	MFCD00005647
PubChem SID	310281482

Molecular Weight	204.23
Molecular Formula	$C_{11}H_{12}N_2O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white or pale yellow-beige powder
Identification (IR)	To conform to standard
Solubility (2% in water)	Clear, colourless to yellow-brown solution
Specific Optical Rotation	+30.0 - +33.0 ° (c=1, water)
Residue on Ignition	≤ 0.2%
Related Substances	≤ 0.1% (L-tryptophan)
Loss on Drying	≤ 1.0%
Assay (Titration)	≥ 98.0%

Specification Version	-	v1.1
Date Created	-	2024-12-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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