

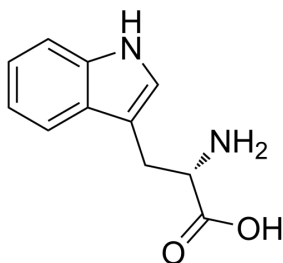
## L-Tryptophan

Cat. No.: HY-N0623  
CAS No.: 73-22-3  
Batch No.: 168154  
Chemical Name: L-Tryptophan

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{11}H_{12}N_2O_2$   
Molecular Weight: 204.23  
Storage: 4°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.87%  
Water(KF): 0.50%  
Residue on Ignition: 0.12%  
OR[α]<sub>D</sub>(C=1.01 g/100ml H<sub>2</sub>O): -31.4°  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA