

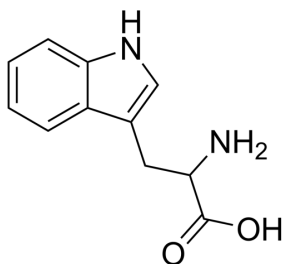
## DL-Tryptophan

Cat. No.: HY-W012480  
CAS No.: 54-12-6  
Batch No.: 154954  
Chemical Name: Tryptophan

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{11}H_{12}N_2O_2$   
Molecular Weight: 204.23  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C     1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.98%  
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.**

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