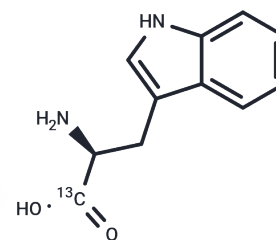


## L-Tryptophan-1-13C

### Chemical Properties

CAS No. : 81201-92-5  
 Formula: C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 205.22  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.



### Biological Description

|               |  |
|---------------|--|
| Description   | L-Tryptophan-1-13C is L-Tryptophan (T0439) labeled with carbon-13. L-Tryptophan (T0439) (Tryptophan) is an essential amino acid that serves as a precursor for serotonin, melatonin, and vitamin B3. |
| Targets(IC50) | Endogenous Metabolite  |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.8728 mL | 24.3641 mL | 48.7282 mL |
| 5 mM  | 0.9746 mL | 4.8728 mL  | 9.7456 mL  |
| 10 mM | 0.4873 mL | 2.4364 mL  | 4.8728 mL  |
| 50 mM | 0.0975 mL | 0.4873 mL  | 0.9746 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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