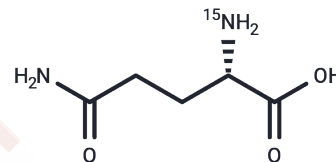


## L-Glutamine-15N

## Chemical Properties

CAS No. : 80143-57-3  
 Formula: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 147.14  
 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-Glutamine-15N is L-Glutamine (T0326L) labeled with 15N. L-Glutamine (T0326L) (L-Glutamic acid 5-amide) is a non-essential amino acid abundantly found in the human body and involved in numerous metabolic processes. It serves as a carbon source for oxidation in certain cells.
Targets(IC50)	Ferroptosis, Endogenous Metabolite, GluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7962 mL	33.9812 mL	67.9625 mL
5 mM	1.3592 mL	6.7962 mL	13.5925 mL
10 mM	0.6796 mL	3.3981 mL	6.7962 mL
50 mM	0.1359 mL	0.6796 mL	1.3592 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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