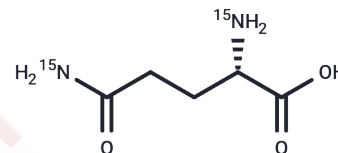


## L-Glutamine-15N2

## Chemical Properties

CAS No. : 204451-48-9  
 Formula: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 148.13  
 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-15N2 is an isotopically labeled form of L-Glutamine. L-Glutamine (T0326L) (L-Glutamic acid 5-amide) is a non-essential amino acid abundantly found in the human body, playing a key role in various 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	6.7508 mL	33.7541 mL	67.5083 mL
5 mM	1.3502 mL	6.7508 mL	13.5017 mL
10 mM	0.6751 mL	3.3754 mL	6.7508 mL
50 mM	0.135 mL	0.6751 mL	1.3502 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481