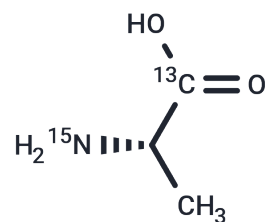


## L-Alanine-1-13C,15N

## Chemical Properties

CAS No. : 141794-74-3  
 Formula: C<sub>3</sub>H<sub>7</sub>N<sub>2</sub>O  
 Molecular Weight: 91.08  
 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-Alanine-1-13C,15N is an isotopically labeled version of L-Alanine, marked with both 13C and 15N. L-Alanine (TJO2729) is a non-essential amino acid involved in carbohydrate and acid metabolism, enhancing immune function, and supplying energy to muscle tissue, the brain, and the central nervous system.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.9794 mL	54.8968 mL	109.7936 mL
5 mM	2.1959 mL	10.9794 mL	21.9587 mL
10 mM	1.0979 mL	5.4897 mL	10.9794 mL
50 mM	0.2196 mL	1.0979 mL	2.1959 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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