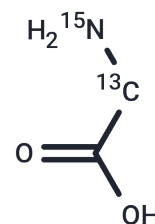


## Glycine-2-13C,15N

## Chemical Properties

CAS No. :	91795-59-4
Formula:	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
Molecular Weight:	77.05
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Glycine-2-13C,15N is a form of glycine labeled with 13C and 15N isotopes. Glycine (T202728BP) acts as an inhibitory neurotransmitter in the central nervous system and serves as a co-agonist with glutamate, possessing the potential to enhance the excitatory function of glutamatergic NMDA (N-methyl-D-aspartic acid) receptors.
Targets(IC50)	Endogenous Metabolite,iGluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	12.9786 mL	64.8929 mL	129.7859 mL
5 mM	2.5957 mL	12.9786 mL	25.9572 mL
10 mM	1.2979 mL	6.4893 mL	12.9786 mL
50 mM	0.2596 mL	1.2979 mL	2.5957 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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