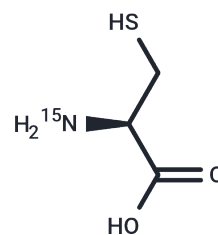


L-Cysteine-15N

Chemical Properties

CAS No. :	204523-09-1
Formula:	C3H7NO2S
Molecular Weight:	122.15
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-Cysteine-15N is an L-Cysteine (T2O2721) compound labeled with 15N. L-Cysteine (T2O2721) is a conditionally essential amino acid and serves as a precursor to bioactive molecules such as hydrogen sulfide (H2S), glutathione, and taurine. It can inhibit the hormone ghrelin, thereby reducing appetite in rodents and humans.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1867 mL	40.9333 mL	81.8666 mL
5 mM	1.6373 mL	8.1867 mL	16.3733 mL
10 mM	0.8187 mL	4.0933 mL	8.1867 mL
50 mM	0.1637 mL	0.8187 mL	1.6373 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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