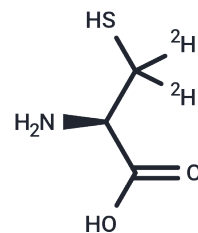


L-Cysteine-D2

Chemical Properties

CAS No. :	130633-02-2
Formula:	C3H7NO2S
Molecular Weight:	123.17
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-D2 is the deuterated form of L-Cysteine. L-Cysteine (T202721) is a conditionally essential amino acid and serves as a precursor to biologically active molecules such as hydrogen sulfide (H ₂ S), glutathione, and taurine. It can suppress ghrelin, thereby reducing appetite in both rodents and humans.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1189 mL	40.5943 mL	81.1886 mL
5 mM	1.6238 mL	8.1189 mL	16.2377 mL
10 mM	0.8119 mL	4.0594 mL	8.1189 mL
50 mM	0.1624 mL	0.8119 mL	1.6238 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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