

## L-Cystine-D4

## Chemical Properties

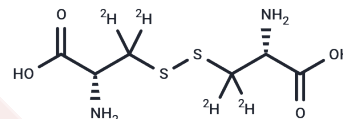
CAS No. : 1192736-38-1

Formula: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight: 244.33

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-Cystine-D4 is the deuterated form of L-Cystine. L-Cystine (T202733) is an amino acid and functions as a thiol within the body, playing a crucial role in cell regulation processes.
Targets(IC50)	Ferroptosis, Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0928 mL	20.4641 mL	40.9283 mL
5 mM	0.8186 mL	4.0928 mL	8.1857 mL
10 mM	0.4093 mL	2.0464 mL	4.0928 mL
50 mM	0.0819 mL	0.4093 mL	0.8186 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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