

## Selenocystine

## Chemical Properties

CAS No. : 2897-21-4

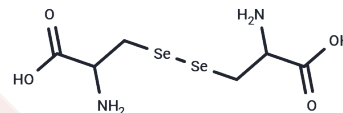
Formula: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>Se<sub>2</sub>

Molecular Weight: 334.09

Storage: Store under nitrogen, Keep away from moisture, Store at low temperature

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	Selenocystine, a broad-spectrum anticancer agent, effectively induces DNA damage, notably DNA double-strand breaks (DSBs), in HepG2 cells, showcasing significant potential as a therapeutic or adjuvant agent in targeting DNA repair mechanisms for cancer treatment [1].
Targets(IC50)	Others, Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9932 mL	14.966 mL	29.9321 mL
5 mM	0.5986 mL	2.9932 mL	5.9864 mL
10 mM	0.2993 mL	1.4966 mL	2.9932 mL
50 mM	0.0599 mL	0.2993 mL	0.5986 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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