

## Ethionine

## Chemical Properties

CAS No. : 13073-35-3

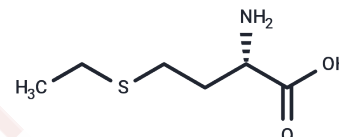
Formula: C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>S

Molecular Weight: 163.24

Storage: Keep away from moisture, Keep away from direct sunlight

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	Ethionine (NSC-82393) is an antimetabolite and methionine antagonist. It also produces liver neoplasms.
Targets(IC50)	Others, Amino Acids and Derivatives

## Solubility Information

Solubility	DMSO: Slightly soluble, H <sub>2</sub> O: 8.33 mg/mL (51.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1259 mL	30.6297 mL	61.2595 mL
5 mM	1.2252 mL	6.1259 mL	12.2519 mL
10 mM	0.6126 mL	3.063 mL	6.1259 mL
50 mM	0.1225 mL	0.6126 mL	1.2252 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.

### Reference

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