

Butyl isothiocyanate

Chemical Properties

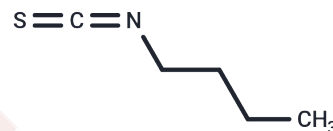
CAS No. : 592-82-5

Formula: C₅H₉NS

Molecular Weight: 115.20

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Butyl isothiocyanate is an isothiocyanate having a butyl group attached to the nitrogen. It has a role as a hapten.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (520.83 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	8.6806 mL	43.4028 mL	86.8056 mL
5 mM	1.7361 mL	8.6806 mL	17.3611 mL
10 mM	0.8681 mL	4.3403 mL	8.6806 mL
50 mM	0.1736 mL	0.8681 mL	1.7361 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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