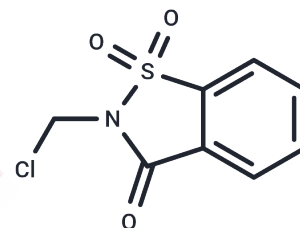


## 2-Chloromethyl-1,1-dioxo-1,2-dihydro-1lambda\*6\*-benzo[d]isothiazol-3-one

## Chemical Properties

CAS No. :	13947-21-2
Formula:	C <sub>8</sub> H <sub>6</sub> ClNO <sub>3</sub> S
Molecular Weight:	231.66
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	2-Chloromethyl-1,1-dioxo-1,2-dihydro-1lambda*6*-benzo[d]isothiazol-3-one targets the Neutrophil elastase (human).
Targets(IC50)	Others,Serine Protease

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (118.71 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	4.3167 mL	21.5834 mL	43.1667 mL
5 mM	0.8633 mL	4.3167 mL	8.6333 mL
10 mM	0.4317 mL	2.1583 mL	4.3167 mL
50 mM	0.0863 mL	0.4317 mL	0.8633 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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