

CID16725315

## Chemical Properties

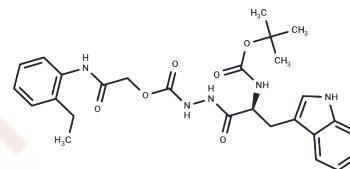
CAS No. : 1194047-02-3

Formula: C27H33N5O6

Molecular Weight: 523.58

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	Thiocarbamate, also known as CID16725315, is an inhibitor of human cathepsin L. Inhibition of cathepsin L thus holds promise for therapeutic intervention for both SARS-CoV and Ebola virus infection. With respect to the development of antiviral agents, inhibitors of human cathepsin L are not subject to resistance because of rapid mutations of the viral genome. Cathepsin L is therefore an attractive target for drug development.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9099 mL	9.5496 mL	19.0993 mL
5 mM	0.382 mL	1.9099 mL	3.8199 mL
10 mM	0.191 mL	0.955 mL	1.9099 mL
50 mM	0.0382 mL	0.191 mL	0.382 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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