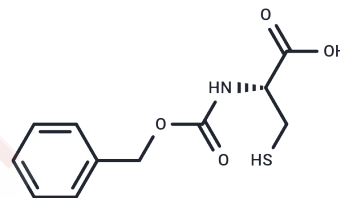


## N-Cbz-L-Cysteine

## Chemical Properties

CAS No. : 53907-29-2  
 Formula: C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>S  
 Molecular Weight: 255.29  
 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	N-Cbz-L-Cysteine (Cbz-cysteine) (compound 5) functions as a potent inhibitor of $\beta$ -lactamase II, exhibiting a $K_i$ value of 97 $\mu$ M [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9171 mL	19.5856 mL	39.1711 mL
5 mM	0.7834 mL	3.9171 mL	7.8342 mL
10 mM	0.3917 mL	1.9586 mL	3.9171 mL
50 mM	0.0783 mL	0.3917 mL	0.7834 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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