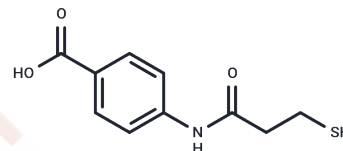


Metallo- $\beta$ -lactamase-IN-3

## Chemical Properties

CAS No. :	128294-71-3
Formula:	C <sub>10</sub> H <sub>11</sub> NO <sub>3</sub> S
Molecular Weight:	225.26
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	Metallo- $\beta$ -lactamase-IN-3 (compound 35) is a potent metallo- $\beta$ -lactamases (MBL) inhibitor that can potentially restore the activity of current $\beta$ -lactam antibiotics and provide an orthogonal strategy for discovering new antibiotics. It exhibits high activity against VIM-1 and NDM-1, with IC <sub>50</sub> values of 0.6 and 1.0 $\mu$ M, respectively, but does not inhibit IMP-7 [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4393 mL	22.1966 mL	44.3931 mL
5 mM	0.8879 mL	4.4393 mL	8.8786 mL
10 mM	0.4439 mL	2.2197 mL	4.4393 mL
50 mM	0.0888 mL	0.4439 mL	0.8879 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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