

Metallo- β -lactamase-IN-2

Chemical Properties

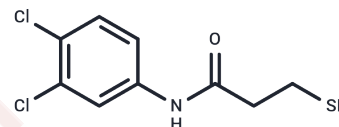
CAS No. : 1501705-61-8

Formula: C₉H₉Cl₂NOS

Molecular Weight: 250.14

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- β -lactamase-IN-4 (compound 40) is a potent metallo- β -lactamase (MBL) inhibitor with IC ₅₀ values of 0.1 μ M for VIM-1, 1.3 μ M for NDM-1, and 5.0 μ M for IMP-7, respectively [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9978 mL	19.9888 mL	39.9776 mL
5 mM	0.7996 mL	3.9978 mL	7.9955 mL
10 mM	0.3998 mL	1.9989 mL	3.9978 mL
50 mM	0.080 mL	0.3998 mL	0.7996 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481