

ZN148

## Chemical Properties

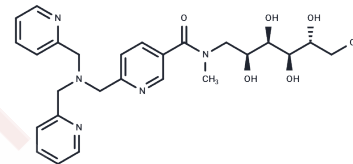
CAS No. : 2190527-04-7

Formula: C<sub>26</sub>H<sub>33</sub>N<sub>5</sub>O<sub>6</sub>

Molecular Weight: 511.57

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	ZN148 is a synthetic chelatable zinc metallo-β-lactamase (MBL) inhibitor that can reduce carbapenem resistance mediated by MBLs. It is capable of restoring the in vitro clinical sensitivity to carbapenems in over 98% of strains in an internationally large MBL-producing clinical Enterobacteriaceae strain collection. ZN148 is applicable for research on MBL-producing bacteria.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9548 mL	9.7738 mL	19.5477 mL
5 mM	0.391 mL	1.9548 mL	3.9095 mL
10 mM	0.1955 mL	0.9774 mL	1.9548 mL
50 mM	0.0391 mL	0.1955 mL	0.391 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

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