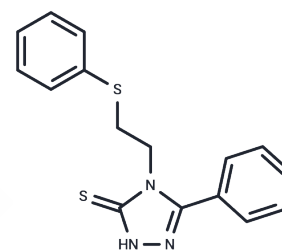


β -Lactamase-IN-7

Chemical Properties

CAS No. :	2419903-21-0
Formula:	C ₁₆ H ₁₅ N ₃ S ₂
Molecular Weight:	313.44
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	β -Lactamase-IN-7 (compound 14) is a potent inhibitor of VIM-type metallo- β -lactamase, effectively inhibiting <i>Klebsiella pneumoniae</i> with K_i values of 1.26 μ M for VIM-1 and 0.54 μ M for VIM-4 [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1904 mL	15.952 mL	31.904 mL
5 mM	0.6381 mL	3.1904 mL	6.3808 mL
10 mM	0.319 mL	1.5952 mL	3.1904 mL
50 mM	0.0638 mL	0.319 mL	0.6381 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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