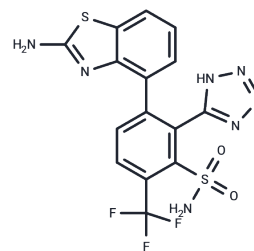


Metallo- β -lactamase-IN-13

Chemical Properties

CAS No. :	1802366-23-9
Formula:	C ₁₅ H ₁₀ F ₃ N ₇ O ₂ S ₂
Molecular Weight:	441.41
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-13 (Compound 13i) serves as a pan Metallo- β -Lactamase inhibitor with extended activity against Gram-negative (GN) bacteria expressing metallo- β -lactamases. It exhibits antibacterial properties effective against <i>P. aeruginosa</i> [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2655 mL	11.3273 mL	22.6547 mL
5 mM	0.4531 mL	2.2655 mL	4.5309 mL
10 mM	0.2265 mL	1.1327 mL	2.2655 mL
50 mM	0.0453 mL	0.2265 mL	0.4531 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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