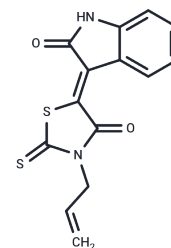


ClpB-IN-1

Chemical Properties

CAS No. :	1453172-23-0
Formula:	C ₁₄ H ₁₀ N ₂ O ₂ S ₂
Molecular Weight:	302.37
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	ClpB-IN-1 is a potential antimicrobial agent. ClpB-IN-1 is a potent ClpB inhibitor.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 4.5 mg/mL (14.88 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3072 mL	16.536 mL	33.0721 mL
5 mM	0.6614 mL	3.3072 mL	6.6144 mL
10 mM	0.3307 mL	1.6536 mL	3.3072 mL
50 mM	0.0661 mL	0.3307 mL	0.6614 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.

Reference

Martin I, et al. Screening and evaluation of small organic molecules as ClpB inhibitors and potential antimicrobials. J Med Chem. 2013;56(18):7177-7189.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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