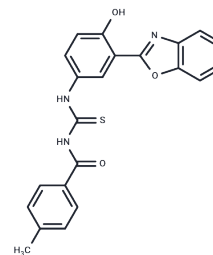


MurA-IN-6

Chemical Properties

CAS No. :	333740-13-9
Formula:	C ₂₂ H ₁₇ N ₃ O ₃ S
Molecular Weight:	403.454
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	MurA-IN-6 (Compound L16) is a selective MurA inhibitor with an IC ₅₀ of 26.63 μM. It exhibits antibacterial activity by inhibiting the function of MurA, a key protein essential for bacterial cell wall synthesis.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4786 mL	12.3931 mL	24.7862 mL
5 mM	0.4957 mL	2.4786 mL	4.9572 mL
10 mM	0.2479 mL	1.2393 mL	2.4786 mL
50 mM	0.0496 mL	0.2479 mL	0.4957 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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