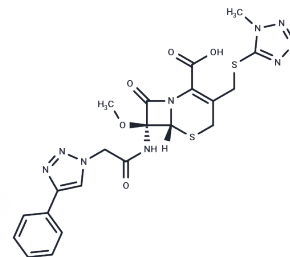


Antibacterial agent 172

Chemical Properties

CAS No. :	3023114-93-1
Formula:	C ₂₁ H ₂₁ N ₉ O ₅ S ₂
Molecular Weight:	543.58
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	Antibacterial Agent 172 (Compound 6a), a <i>Clostridioides difficile</i> (Cd) SpoVD inhibitor with an IC ₅₀ value of 89 nM, effectively inhibits the sporulation of <i>Clostridioides difficile</i> . It is useful for research on bacterial infections [1].
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8397 mL	9.1983 mL	18.3966 mL
5 mM	0.3679 mL	1.8397 mL	3.6793 mL
10 mM	0.184 mL	0.9198 mL	1.8397 mL
50 mM	0.0368 mL	0.184 mL	0.3679 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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