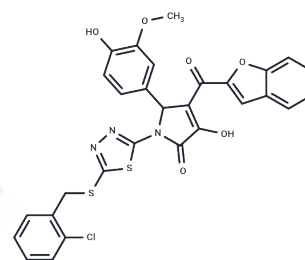


Antibacterial agent 64

Chemical Properties

CAS No. :	618865-52-4
Formula:	C ₂₉ H ₂₀ ClN ₃ O ₆ S ₂
Molecular Weight:	606.07
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 64, a potent YycG inhibitor (IC ₅₀ =6.1 μM), serves as an effective antibacterial agent. When combined with ampicillin, it synergistically eradicates biofilm-embedded viable bacteria.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.650 mL	8.2499 mL	16.4997 mL
5 mM	0.330 mL	1.650 mL	3.2999 mL
10 mM	0.165 mL	0.825 mL	1.650 mL
50 mM	0.033 mL	0.165 mL	0.330 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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