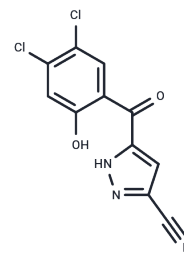


Antibacterial agent 83

Chemical Properties

CAS No. :	2413865-92-4
Formula:	C ₁₁ H ₅ Cl ₂ N ₃ O ₂
Molecular Weight:	282.08
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 83 (compound 17h) demonstrates strong efficacy against diverse strains of vancomycin-resistant Enterococcus faecalis (VRE) and methicillin-resistant Staphylococcus aureus (MRSA), significantly reduces MRSA biofilm formation, and shows promising selectivity. It is metabolically stable in human liver microsomes [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5451 mL	17.7255 mL	35.4509 mL
5 mM	0.709 mL	3.5451 mL	7.0902 mL
10 mM	0.3545 mL	1.7725 mL	3.5451 mL
50 mM	0.0709 mL	0.3545 mL	0.709 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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