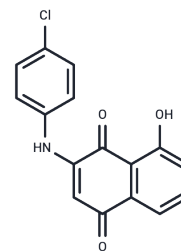


Antibiotic adjuvant 1

Chemical Properties

CAS No. :	2351883-15-1
Formula:	C ₁₆ H ₁₀ ClNO ₃
Molecular Weight:	299.71
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	Antibiotic adjuvant 1 (compound 3e) is an antibiotic adjuvant that exhibits insufficient antimicrobial activity on its own (MIC > 128 µg/mL), yet significantly enhances the effectiveness of Cloxacillin, boosting its activity by 66 times, demonstrating a synergistic effect.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3366 mL	16.6828 mL	33.3656 mL
5 mM	0.6673 mL	3.3366 mL	6.6731 mL
10 mM	0.3337 mL	1.6683 mL	3.3366 mL
50 mM	0.0667 mL	0.3337 mL	0.6673 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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