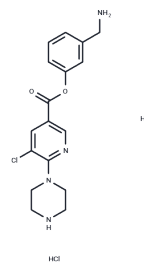


BDM91270

Chemical Properties

CAS No. : 2892824-11-0
 Formula: C₁₇H₂₁Cl₃N₄O₂
 Molecular Weight: 419.73
 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	BDM91270 (compound 29) serves as an inhibitor of the E. coli AcrAB-TolC efflux pump, displaying an EC ₉₀ value of 0.6 μM against wild-type E. coli AcrB. It has applications in research on Escherichia coli drug resistance [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3825 mL	11.9124 mL	23.8248 mL
5 mM	0.4765 mL	2.3825 mL	4.765 mL
10 mM	0.2382 mL	1.1912 mL	2.3825 mL
50 mM	0.0476 mL	0.2382 mL	0.4765 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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