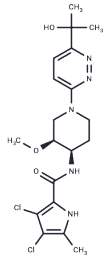
Data Sheet (Cat.No.T85659)

TargetMol

Antibacterial agent 169

Chemical Properties



CAS No. : 2879255-03-3

Formula: C19H25Cl2N5O3

Molecular Weight: 442.34

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 169 (Compound 28), a pyrrolamide-type GyrB/ParE inhibitor, exhibits antibacterial properties by inhibiting Gyrase and Topo IV in Staphylococcus aureus. It has IC 50 values of 49 nmol/L and 1.513 μmol/L, respectively [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2607 mL	11.3035 mL	22.607 mL
5 mM	0.4521 mL	2.2607 mL	4.5214 mL
10 mM	0.2261 mL	1.1304 mL	2.2607 mL
50 mM	0.0452 mL	0.2261 mL	0.4521 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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