

MGB-BP-3

Chemical Properties

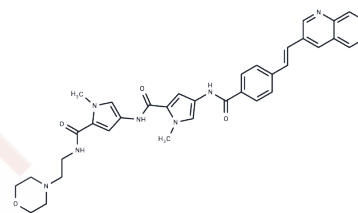
CAS No. : 1000277-08-6

Formula: C₃₆H₃₇N₇O₄

Molecular Weight: 631.72

Storage: Store at low temperature, Keep away from moisture
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	MGB-BP-3 is a synthetic antibiotic with bactericidal activity that inhibits bacterial DNA replication and can be used to study recurrent C. difficile infections.
Targets(IC50)	Antibacterial, Antibiotic, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.583 mL	7.9149 mL	15.8298 mL
5 mM	0.3166 mL	1.583 mL	3.166 mL
10 mM	0.1583 mL	0.7915 mL	1.583 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 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.

Reference

Fraser J. Scott, et al. An Evaluation of Minor Groove Binders as Anti-Lung Cancer Therapeutics. Bioorg Med Chem Lett. 2016 Aug 1;26(15):3478-86.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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