

FtsZ-IN-6

Chemical Properties

CAS No. :

Formula: C₂₈H₂₂BrN₃O₂

Molecular Weight: 512.4

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	FtsZ-IN-6 is a potent inhibitor of FtsZ, enhancing its polymerization while inhibiting its GTPase activity, thereby obstructing bacterial cell division and causing bacterial cell death. This compound exhibits bactericidal properties without significant induction of bacterial resistance and demonstrates rapid bactericidal effects. Moreover, FtsZ-IN-6 has low hemolytic activity and cytotoxicity towards mammalian cells [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9516 mL	9.758 mL	19.516 mL
5 mM	0.3903 mL	1.9516 mL	3.9032 mL
10 mM	0.1952 mL	0.9758 mL	1.9516 mL
50 mM	0.039 mL	0.1952 mL	0.3903 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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