

ADEP-14

Chemical Properties

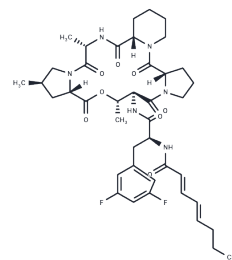
CAS No. :

Formula: C₄₁H₅₄F₂N₆O₈

Molecular Weight: 796.9

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	ADEP-14 (also known as Acyldepsipeptide-14) is an acyldepsipeptide antibiotic that functions by binding to the ClpP protein, thereby facilitating the degradation of newly synthesized proteins and the FtsZ protein within the cell. This process can potentially lead to cell death, making ADEP-14 a promising compound for development.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2549 mL	6.2743 mL	12.5486 mL
5 mM	0.251 mL	1.2549 mL	2.5097 mL
10 mM	0.1255 mL	0.6274 mL	1.2549 mL
50 mM	0.0251 mL	0.1255 mL	0.251 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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