

DPI-2016

Chemical Properties

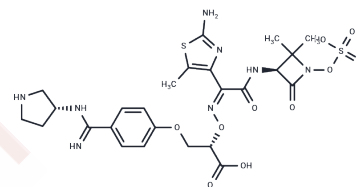
CAS No. : 2760731-35-7

Formula: C₂₅H₃₂N₈O₁₀S₂

Molecular Weight: 668.7

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	DPI-2016 is an antibacterial agent that demonstrates improved bactericidal activity (MIC, 0.25-8 µg/mL) against all bacterial strains compared to aztreonam (MIC, 16->64 µg/mL) [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4954 mL	7.4772 mL	14.9544 mL
5 mM	0.2991 mL	1.4954 mL	2.9909 mL
10 mM	0.1495 mL	0.7477 mL	1.4954 mL
50 mM	0.0299 mL	0.1495 mL	0.2991 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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