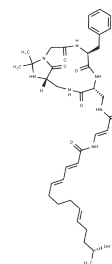


Enamidonin

Chemical Properties

CAS No. :	2271109-33-0
Formula:	C37H51N7O7
Molecular Weight:	705.844
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	Enamidonin is a lipopeptide antibiotic. It inhibits EGF-dependent [3H] thymidine incorporation in Balb/MK cells with an IC50 of 10 µg/mL and can restore the transformed SRCTS-NRK cells to their normal flat shape with an ED50 of 10 µg/mL. It exhibits no antibacterial activity.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4168 mL	7.0838 mL	14.1675 mL
5 mM	0.2834 mL	1.4168 mL	2.8335 mL
10 mM	0.1417 mL	0.7084 mL	1.4168 mL
50 mM	0.0283 mL	0.1417 mL	0.2834 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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