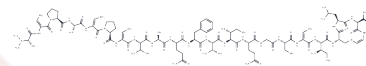


## Cypemycin

## Chemical Properties

CAS No. :	154277-21-1
Formula:	C99H154N24O24S
Molecular Weight:	2096.49
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	Cypemycin, a linearidic antibiotic, demonstrates the capability to inhibit cancer cell activity. It has an inhibitory IC50 of 1.3 µg/mL against P388 leukemia cells, while its inhibitory IC50 exceeds 25 µg/mL for human tumor cells such as HeLa S3, HHCC-1, HCCS-M, and Slex.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.477 mL	2.3849 mL	4.7699 mL
5 mM	0.0954 mL	0.477 mL	0.954 mL
10 mM	0.0477 mL	0.2385 mL	0.477 mL
50 mM	0.0095 mL	0.0477 mL	0.0954 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481