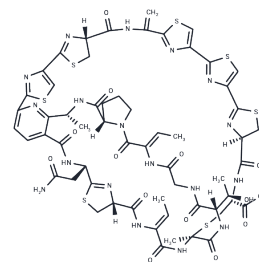


Cyclothiazomycin

Chemical Properties

CAS No. :	133352-26-8
Formula:	C59H64N18O14S7
Molecular Weight:	1473.71
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	Cyclothiazomycin selectively inhibits renin activity without affecting pepsin, aspartic, serine, thiol, and metalloproteases. Additionally, Cyclothiazomycin exhibits weak antifungal activity.
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6786 mL	3.3928 mL	6.7856 mL
5 mM	0.1357 mL	0.6786 mL	1.3571 mL
10 mM	0.0679 mL	0.3393 mL	0.6786 mL
50 mM	0.0136 mL	0.0679 mL	0.1357 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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