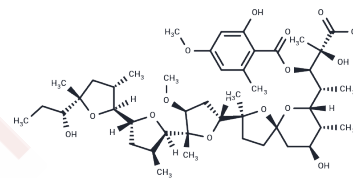


Cationomycin

Chemical Properties

CAS No. :	80394-65-6
Formula:	C ₄₅ H ₇₀ O ₁₅
Molecular Weight:	851.028
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	Cationomycin is effective against Gram-positive bacteria and mycobacteria, but it shows no activity against Gram-negative bacteria, yeast, or fungi. When added to feed at a concentration of 50 to 100 ppm, Cationomycin can effectively suppress coccidiosis in chickens.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.175 mL	5.8752 mL	11.7505 mL
5 mM	0.235 mL	1.175 mL	2.3501 mL
10 mM	0.1175 mL	0.5875 mL	1.175 mL
50 mM	0.0235 mL	0.1175 mL	0.235 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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