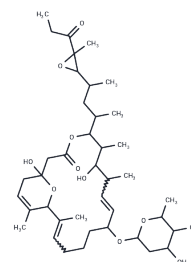


3'-O-Decarbamoylirumamycin

Chemical Properties

CAS No. :	99486-52-9
Formula:	C ₄₀ H ₆₄ O ₁₁
Molecular Weight:	720.93
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	3'-O-Decarbamoylirumamycin is a 20-membered macrolide antibiotic produced by <i>Streptomyces subflavus</i> subsp. <i>irumaensis</i> . It exhibits inhibitory effects against plant pathogenic fungi, such as <i>Pyricularia oryzae</i> and <i>Sclerotinia</i> .
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3871 mL	6.9355 mL	13.871 mL
5 mM	0.2774 mL	1.3871 mL	2.7742 mL
10 mM	0.1387 mL	0.6935 mL	1.3871 mL
50 mM	0.0277 mL	0.1387 mL	0.2774 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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