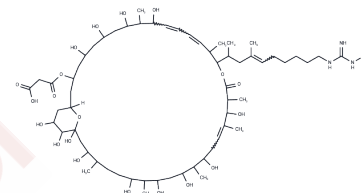


Malolactomycin C

Chemical Properties

CAS No. :	189759-03-3
Formula:	C62H109N3O20
Molecular Weight:	1216.54
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	Malolactomycin C (compound 1) is a macrocyclic lactone antifungal antibiotic isolated from the Streptomyces strain KP-3144. It effectively inhibits Botrytis cinerea (gray mold), thereby controlling various plant diseases, including gray mold infections.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.822 mL	4.110 mL	8.220 mL
5 mM	0.1644 mL	0.822 mL	1.644 mL
10 mM	0.0822 mL	0.411 mL	0.822 mL
50 mM	0.0164 mL	0.0822 mL	0.1644 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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