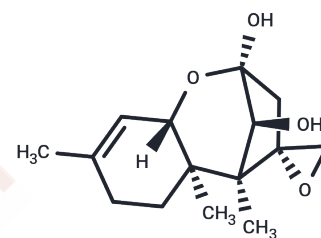


Curvularol

Chemical Properties

CAS No. :	339293-67-3
Formula:	C ₁₅ H ₂₂ O ₄
Molecular Weight:	266.333
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	Curvularol exhibits mild antifungal activity but lacks antibacterial effects. At a concentration of 150 ng/mL, it can inhibit the cell cycle progression of normal rat renal cells (G1 phase NRK). Additionally, 100 ng/mL of Curvularol can restore the morphology of deformed NRK cells induced by SRCTS. Curvularol also inhibits protein synthesis.
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7547 mL	18.7737 mL	37.5474 mL
5 mM	0.7509 mL	3.7547 mL	7.5095 mL
10 mM	0.3755 mL	1.8774 mL	3.7547 mL
50 mM	0.0751 mL	0.3755 mL	0.7509 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