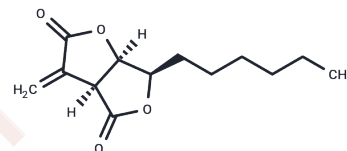


Sporothriolide

Chemical Properties

CAS No. : 154799-92-5
 Formula: C₁₃H₁₈O₄
 Molecular Weight: 238.28
 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	Sporothriolide, a metabolite produced by <i>Nodulisporium</i> sp. A21, demonstrates potent antifungal activity against <i>R. solani</i> and <i>S. sclerotiorum</i> , with EC ₅₀ values of 11.6 μM and 10.7 μM, respectively. It also inhibits conidium germination of <i>Magnaporthe oryzae</i> in vitro and in vivo [1].
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1967 mL	20.9837 mL	41.9674 mL
5 mM	0.8393 mL	4.1967 mL	8.3935 mL
10 mM	0.4197 mL	2.0984 mL	4.1967 mL
50 mM	0.0839 mL	0.4197 mL	0.8393 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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