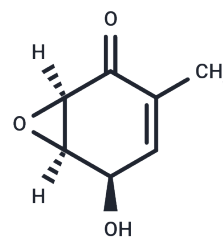


Epoformin

Chemical Properties

CAS No. :	52146-62-0
Formula:	C7H8O3
Molecular Weight:	140.137
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	Epoformin is a fungal cyclohexene epoxide that can be isolated from <i>Diplodia quercivora</i> . This compound acts as an antibiotic with mild inhibitory effects on rye seedling sheath growth. Additionally, Epoformin exhibits antifungal properties, effectively inhibiting <i>Phytophthora cinnamomi</i> and <i>Phytophthora plurivora</i> .
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1357 mL	35.6786 mL	71.3572 mL
5 mM	1.4271 mL	7.1357 mL	14.2714 mL
10 mM	0.7136 mL	3.5679 mL	7.1357 mL
50 mM	0.1427 mL	0.7136 mL	1.4271 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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