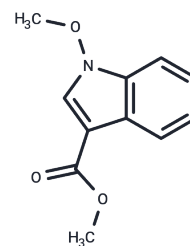


Phytoalexine

Chemical Properties

CAS No. :	18377-50-9
Formula:	C ₁₁ H ₁₁ NO ₃
Molecular Weight:	205.21
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	Phytoalexine (Compound 8) is a plant antitoxin found in mustard, exhibiting antifungal properties against fungi such as <i>Phoma lingam</i> and <i>Phoma wasabiae</i> . It inhibits fungal spore germination and hyphal growth, showing promise for research into insecticides targeting plant fungal diseases.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8731 mL	24.3653 mL	48.7306 mL
5 mM	0.9746 mL	4.8731 mL	9.7461 mL
10 mM	0.4873 mL	2.4365 mL	4.8731 mL
50 mM	0.0975 mL	0.4873 mL	0.9746 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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