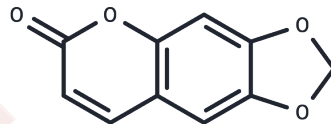


Ayapin

Chemical Properties

CAS No. :	494-56-4
Formula:	C ₁₀ H ₆ O ₄
Molecular Weight:	190.15
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	Ayapin, found in sunflowers, is a primary plant phytoalexin. It inhibits the growth of <i>S. sclerotiorum</i> , with an IC ₅₀ of 0.16 mM indicating 50% inhibition. Ayapin is utilized in studies on controlling sclerotinia stem rot.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.259 mL	26.295 mL	52.5901 mL
5 mM	1.0518 mL	5.259 mL	10.518 mL
10 mM	0.5259 mL	2.6295 mL	5.259 mL
50 mM	0.1052 mL	0.5259 mL	1.0518 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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