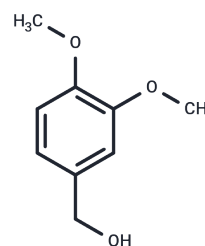


Veratryl alcohol

Chemical Properties

CAS No. :	93-03-8
Formula:	C ₉ H ₁₂ O ₃
Molecular Weight:	168.19
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	3,4-Dimethoxybenzyl alcohol is a secondary metabolite of lignin-degrading fungi and is commonly used as a non-phenolic substrate to measure ligninolytic activity. Veratryl alcohol protects lignin peroxidase (LiP) from inactivation by H ₂ O ₂ and prevents accumulation of LiP III compounds[3].
Targets(IC50)	Others, Endogenous Metabolite, Antibacterial

Solubility Information

Solubility	DMSO: 55 mg/mL (327.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9457 mL	29.7283 mL	59.4566 mL
5 mM	1.1891 mL	5.9457 mL	11.8913 mL
10 mM	0.5946 mL	2.9728 mL	5.9457 mL
50 mM	0.1189 mL	0.5946 mL	1.1891 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.

Reference

Tien M, et al. J Biol Chem. 1986 Feb 5;261(4):1687-93.

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