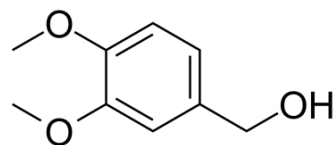


Veratryl alcohol

Cat. No.:	HY-107858		
CAS No.:	93-03-8		
Molecular Formula:	C ₉ H ₁₂ O ₃		
Molecular Weight:	168.19		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 100 mg/mL (594.57 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Veratryl alcohol (3,4-Dimethoxybenzenemethanol), a secondary metabolite of some lignin degrading fungi, is commonly used nonphenolic substrate for assaying ligninolytic activity^{[1][2]}.

REFERENCES

[1]. Leisola MS, et al. Enzymatic determination of veratryl alcohol. *Anal Biochem.* 1986 May 15;155(1):108-11.

[2]. Arias ME, et al. Kraft pulp biobleaching and mediated oxidation of a nonphenolic substrate by laccase from *Streptomyces cyaneus* CECT 3335. *Appl Environ Microbiol.* 2003 Apr;69(4):1953-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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