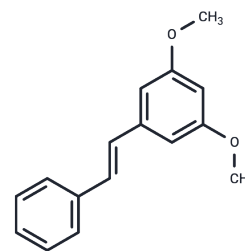


## 3,5-Dimethoxystilbene

## Chemical Properties

CAS No. :	21956-56-9
Formula:	C16H16O2
Molecular Weight:	240.3
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	3,5-Dimethoxystilbene (cis-Pinosylvin dimethyl ether) is a natural product isolated from the bark of jack pine (Pinus banksiana).
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (208.07 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL (10.4 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1615 mL	20.8073 mL	41.6146 mL
5 mM	0.8323 mL	4.1615 mL	8.3229 mL
10 mM	0.4161 mL	2.0807 mL	4.1615 mL
50 mM	0.0832 mL	0.4161 mL	0.8323 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

Extractives of jack pine bark: Occurrence of cis- and trans-pinosylvin dimethyl ether and ferulic acid esters. J.W. Rowe, et al. Phytochemistry. 1969 Jan, 8 (1): 235-241.

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