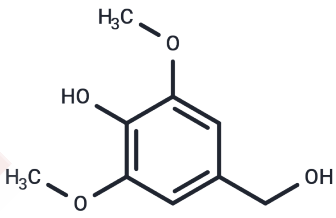
Data Sheet (Cat.No.T8018)

TargetMol

Syringyl Alcohol

Chemical Properties



CAS No. : 530-56-3

Formula: C9H12O4

Molecular Weight: 184.19

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	Syringyl Alcohol (4-Hydroxy-3,5-dimethoxybenzyl alcohol) is a kind of phenol with antiviral properties.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 36 mg/mL (195.45 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (10.86 mM),Sonication is recommended. *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.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4292 mL	27.1459 mL	54.2918 mL
5 mM	1.0858 mL	5.4292 mL	10.8584 mL
10 mM	0.5429 mL	2.7146 mL	5.4292 mL
50 mM	0.1086 mL	0.5429 mL	1.0858 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

Elder T , Bozell J J , Cedeno D . The effect of axial ligand on the oxidation of syringyl alcohol by Co(salen) adducts[J]. Physical Chemistry Chemical Physics, 2013, 15(19):7328.

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