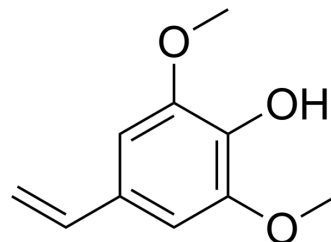


4-Vinylsyringol

Cat. No.:	HY-W160560
CAS No.:	28343-22-8
Molecular Formula:	C ₁₀ H ₁₂ O ₃
Molecular Weight:	180.2
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (554.94 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.5494 mL	27.7469 mL	55.4939 mL
		5 mM	1.1099 mL	5.5494 mL	11.0988 mL
		10 mM	0.5549 mL	2.7747 mL	5.5494 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.87 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.87 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.87 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	4-Vinylsyringol is a phenolic compound with potential antioxidant activity, which can be isolated from rapeseed oil ^[1] .
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REFERENCES

- [1]. Kraljić K, et al. Changes in 4-vinylsyringol and other phenolics during rapeseed oil refining. Food Chem. 2015 Nov 15;187:236-42.
- [2]. Wang XY, et al. Antioxidant activity of soybean oil containing 4-vinylsyringol obtained from decarboxylated sinapic acid[J]. Journal of the American Oil Chemists'

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA