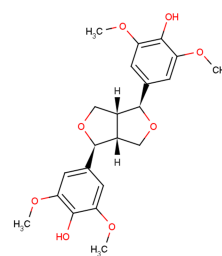


DL-Syringaresinol

Chemical Properties

CAS No. :	1177-14-6
Formula:	C ₂₂ H ₂₆ O ₈
Molecular Weight:	418.44
Appearance:	no data available
Storage:	store at low temperature, keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	DL-Syringaresinol (±)-Syringaresinol) is a lignan from ginseng berries with anti-inflammatory, antioxidant, analgesic and weak anti-mycobacterial activities. DL-Syringaresinol can delay oxidative stress-induced skin aging through autophagy, alleviate oxaliplatin-induced neuropathic pain and sepsis-induced cardiac dysfunction by inhibiting inflammatory responses. neuropathic pain and sepsis-induced cardiac dysfunction by inhibiting inflammatory responses.
Targets(IC50)	Antioxidant, Antifungal

Solubility Information

Solubility	DMSO: 4.18 mg/ml (10 mM) Methanol: 4.18 mg/ml (10 mM), Sonification 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	2.3898 mL	11.9491 mL	23.8983 mL
5 mM	0.478 mL	2.3898 mL	4.7797 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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.

Reference

Jung Hwan Oh, et al. Syringaresinol Inhibits UVA-Induced MMP-1 Expression by Suppression of MAPK/AP-1 Signaling in HaCaT Keratinocytes and Human Dermal Fibroblasts. Int J Mol Sci. 2020 Jun 1;21(11):3981.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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