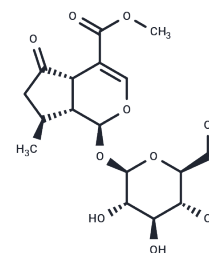


Verbenalin

Chemical Properties

CAS No. :	548-37-8
Formula:	C ₁₇ H ₂₄ O ₁₀
Molecular Weight:	388.37
Appearance:	no data available
Storage:	keep away from direct sunlight,keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Verbenalin (Verbenalloside) induces angiogenesis via a programmed PI3K/Akt/eNOS/VEGF signaling axis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 200.8 mM,Sonication 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	2.5749 mL	12.8743 mL	25.7486 mL
5 mM	0.515 mL	2.5749 mL	5.1497 mL
10 mM	0.2575 mL	1.2874 mL	2.5749 mL
50 mM	0.0515 mL	0.2575 mL	0.515 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

- Kang Z1,et al. Cornin induces angiogenesis through PI3K-Akt-eNOS-VEGF signaling pathway. Food Chem Toxicol. 2013 Aug;58:340-6.
- Jiang WL,et al. Cornin ameliorates cerebral infarction in rats by antioxidant action and stabilization of mitochondrial function. Phytother Res. 2010 Apr;24(4):547-52.

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