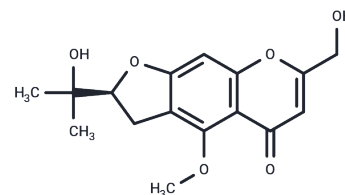


Cimifugin

Chemical Properties

CAS No. :	37921-38-3
Formula:	C ₁₆ H ₁₈ O ₆
Molecular Weight:	306.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cimifugin (Cimitin) inhibits NO production induced by lipopolysaccharide in macrophage cell line RAW 264.7 and for 1, 1-diphenyl-2-picrylhydrazyl free-radical scavenging activity in cell-free bioassay system.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate: Soluble, DMSO: 55 mg/mL(179.6 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2647 mL	16.3233 mL	32.6467 mL
5 mM	0.6529 mL	3.2647 mL	6.5293 mL
10 mM	0.3265 mL	1.6323 mL	3.2647 mL
50 mM	0.0653 mL	0.3265 mL	0.6529 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

- Li Y, et al. Biomed Chromatogr. 2012 Oct;26(10):1234-40.
Zhao XL, et al. Zhongguo Zhong Yao Za Zhi. 2014 Dec;39(23):4669-74.

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