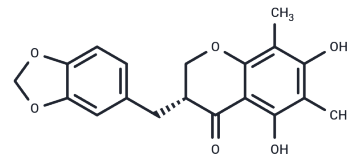


Methylophiopogonanone A

Chemical Properties

CAS No. :	74805-92-8
Formula:	C ₁₉ H ₁₈ O ₆
Molecular Weight:	342.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Methylophiopogonanone A has anti-inflammatory and anti-oxidative properties. 2. Methylophiopogonanone A has therapeutic potential against cerebral I/R injury through its ability to attenuate BBB disruption by regulating the expression of MMP-9 and tight junction proteins.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/ml (175.26 mM), Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9211 mL	14.6054 mL	29.2107 mL
5 mM	0.5842 mL	2.9211 mL	5.8421 mL
10 mM	0.2921 mL	1.4605 mL	2.9211 mL
50 mM	0.0584 mL	0.2921 mL	0.5842 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

Mingbao L , Wei S , Wan G , et al. Methylophiopogonanone A Protects against Cerebral Ischemia/Reperfusion Injury and Attenuates Blood-Brain Barrier Disruption In Vitro[J]. PLOS ONE, 2015, 10(4):e0124558-.

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