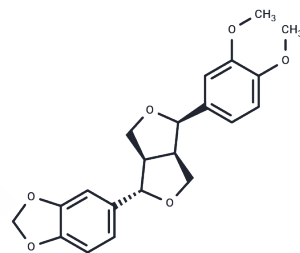


Fargesin

Chemical Properties

CAS No. :	31008-19-2
Formula:	C ₂₁ H ₂₂ O ₆
Molecular Weight:	370.4
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Fargesin ((+/-)-Fargesin) as a potential β 1AR antagonist through cAMP/PKA pathway could protect against myocardial ischemia/reperfusion injury in rats. 2. Fargesin improves dyslipidemia and hyperglycemia by activating Akt and AMPK in WAT.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 33 mg/mL (89.09 mM), Sonication is recommended. 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	2.6998 mL	13.4989 mL	26.9978 mL
5 mM	0.540 mL	2.6998 mL	5.3996 mL
10 mM	0.270 mL	1.3499 mL	2.6998 mL
50 mM	0.054 mL	0.270 mL	0.540 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

Wang X , Cheng Y , Xue H , et al. Fargesin as a potential β_1 adrenergic receptor antagonist protects the hearts against ischemia/reperfusion injury in rats via attenuating oxidative stress and apoptosis.[J]. Fitoterapia, 2015, 105:16-25.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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