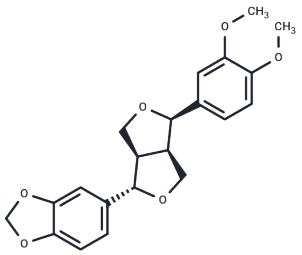
Data Sheet (Cat.No.T5S2178)

TargetMol

Fargesin

Chemical Properties



CAS No. : 31008-19-2

Formula: C21H22O6

Molecular Weight: 370.40

Storage: Keep away from direct sunlight,The compound is unstable in solution. Please use soon
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	1. Fargesin ((+/-)-Fargesin) as a potential β1AR 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,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 33.00 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)

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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481