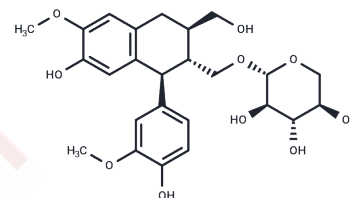


Schizandriside

Chemical Properties

CAS No. : 71222-06-5
 Formula: C₂₅H₃₂O₁₀
 Molecular Weight: 492.52
 Storage: 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	Schizandriside may have anti-inflammatory effects, it has inhibitory activities against nitric oxide and prostaglandin E(2) production in IFN- γ - and lipopolysaccharide-stimulated RAW 264.7 cells. It shows significant cytotoxicity against A549, SK-OV-3, SK-MEL-2, and HCT-15 cell lines with inhibitory concentration (IC ₅₀) values of 3.26-8.89 μ M.
Targets(IC ₅₀)	Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0304 mL	10.1519 mL	20.3037 mL
5 mM	0.4061 mL	2.0304 mL	4.0607 mL
10 mM	0.203 mL	1.0152 mL	2.0304 mL
50 mM	0.0406 mL	0.203 mL	0.4061 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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