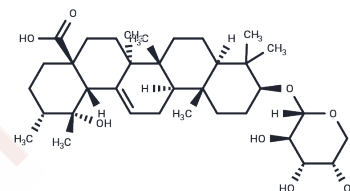


Ziyuglycoside II

Chemical Properties

CAS No. :	35286-59-0
Formula:	C35H56O8
Molecular Weight:	604.81
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	1. Ziyuglycoside II has anti-inflammation and antioxidation properties. 2. Ziyuglycoside II has antibiosis, and homeostasis properties. 3. Ziyuglycoside II has anticancer, and antitumor properties against gastric cancer and breast cancer cells, by cell cycle arrest and cell apoptosis.
Targets(IC50)	Apoptosis,Antioxidant,Reactive Oxygen Species,ROS

Solubility Information

Solubility	Pyridine, Methanol, etc.: Soluble, Ethanol: Soluble, DMSO: 91 mg/mL (150.46 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 1 mg/mL (1.65 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6534 mL	8.2671 mL	16.5341 mL
5 mM	0.3307 mL	1.6534 mL	3.3068 mL
10 mM	0.1653 mL	0.8267 mL	1.6534 mL
50 mM	0.0331 mL	0.1653 mL	0.3307 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

Zhu X , Wang K , Zhang K , et al. Ziyuglycoside II induces cell cycle arrest and apoptosis through activation of ROS/JNK pathway in human breast cancer cells[J]. Toxicology Letters, 2014, 227(1):65-73.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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