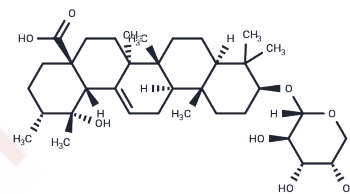


Ziyuglycoside II

Chemical Properties

CAS No. :	35286-59-0
Formula:	C ₃₅ H ₅₆ O ₈
Molecular Weight:	604.81
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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

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)
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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.

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.

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