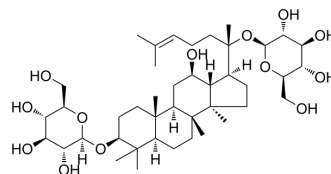


Ginsenoside F2

Cat. No.:	HY-125848												
CAS No.:	62025-49-4												
Molecular Formula:	C ₄₂ H ₇₂ O ₁₃												
Molecular Weight:	785.01												
Target:	Apoptosis; Autophagy; Endogenous Metabolite												
Pathway:	Apoptosis; Autophagy; Metabolic Enzyme/Protease												
Storage:	<table border="0"> <tr> <td>Powder</td> <td>-20°C</td> <td>3 years</td> </tr> <tr> <td></td> <td>4°C</td> <td>2 years</td> </tr> <tr> <td>In solvent</td> <td>-80°C</td> <td>6 months</td> </tr> <tr> <td></td> <td>-20°C</td> <td>1 month</td> </tr> </table>	Powder	-20°C	3 years		4°C	2 years	In solvent	-80°C	6 months		-20°C	1 month
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	4°C	2 years											
In solvent	-80°C	6 months											
	-20°C	1 month											



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (63.69 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.2739 mL	6.3693 mL	12.7387 mL
	5 mM	0.2548 mL	1.2739 mL	2.5477 mL
	10 mM	0.1274 mL	0.6369 mL	1.2739 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (3.18 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.18 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.18 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Ginsenoside F2, a metabolite from Ginsenoside Rb1, induces apoptosis accompanied by protective autophagy in breast cancer stem cells^[1].

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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