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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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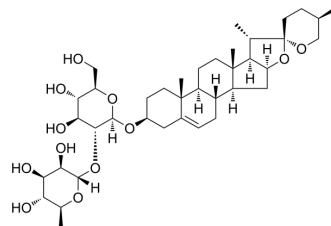
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Prosapogenin A

Cat. No.:	HY-N6940
CAS No.:	19057-67-1
Molecular Formula:	C ₃₉ H ₆₂ O ₁₂
Molecular Weight:	722.9
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (138.33 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.3833 mL	6.9166 mL	13.8332 mL
				5 mM	0.2767 mL	1.3833 mL	2.7666 mL
				10 mM	0.1383 mL	0.6917 mL	1.3833 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (3.46 mM); Suspended solution; Need ultrasonic						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.46 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.46 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Prosapogenin A, a natural product from Veratrum, induces apoptosis in human cancer cells in vitro via inhibition of the STAT3 signaling pathway and glycolysis ^[1] .
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REFERENCES

[1]. Wang TX, et al. Prosapogenin A induces apoptosis in human cancer cells in vitro via inhibition of the STAT3 signaling pathway and glycolysis. *Oncol Lett.* 2013 Nov;6(5):1323-1328.

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

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