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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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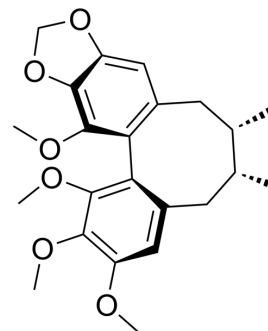
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Gomisin N

Cat. No.:	HY-N6866
CAS No.:	69176-52-9
Molecular Formula:	C ₂₃ H ₂₈ O ₆
Molecular Weight:	400.46
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 (249.71 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.4971 mL	12.4856 mL	24.9713 mL
				5 mM	0.4994 mL	2.4971 mL	4.9943 mL
				10 mM	0.2497 mL	1.2486 mL	2.4971 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 (6.24 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.24 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Gomisin N, isolated from <i>Schisandra chinensis</i> . Gomisin N has the potential for use in the treatment of allergy. Gomisin N is an anti-cancer agent candidate capable of inhibiting the proliferation and inducing the apoptosis in cancer ^{[1][2][3]} .
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REFERENCES

- [1]. Zhang C, et al. Gomisin N isolated from *Schisandra chinensis* augments pentobarbital-induced sleep behaviors through the modification of the serotonergic and GABAergic system. *Fitoterapia*. 2014 Jul;96:123-30.
- [2]. Chae HS, et al. Gomisin N has anti-allergic effect and inhibits inflammatory cytokine expression in mouse bone marrow-derived mast cells. *Immunopharmacol Immunotoxicol*. 2011 Dec;33(4):709-13.

[3]. Yim SY, et al. Gomisins isolated from *Schisandra chinensis* significantly induces anti-proliferative and pro-apoptotic effects in hepatic carcinoma. *Mol Med Rep.* 2009 Sep-Oct;2(5):725-32.

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

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