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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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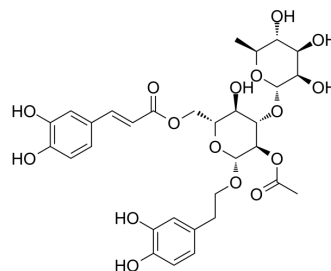
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Tubuloside B

Cat. No.:	HY-N7637
CAS No.:	112516-04-8
Molecular Formula:	C ₃₁ H ₃₈ O ₁₆
Molecular Weight:	666.62
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 : 10 mg/mL (15.00 mM; ultrasonic and warming and heat to 60°C)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.5001 mL	7.5005 mL	15.0010 mL
				5 mM	0.3000 mL	1.5001 mL	3.0002 mL
				10 mM	0.1500 mL	0.7501 mL	1.5001 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: ≥ 1 mg/mL (1.50 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1 mg/mL (1.50 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1 mg/mL (1.50 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Tubuloside B, one of the phenylethanoids isolated from the stems of <i>Cistanche salsa</i> , inhibits TNFα-induced apoptosis. Tubuloside B possesses antioxidative effects ^{[1][2]} .
In Vitro	Pretreatment with tubuloside B (1, 10, or 100 mg/L) for 2 h attenuates the TNFα-mediated apoptosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Min Deng, et al. Protective effect of tubuloside B on TNFalpha-induced apoptosis in neuronal cells. *Acta Pharmacol Sin.* 2004 Oct;25(10):1276-84.

[2]. Q Xiong, et al. Antioxidative effects of phenylethanoids from *Cistanche deserticola*. *Biol Pharm Bull.* 1996 Dec;19(12):1580-5.

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

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