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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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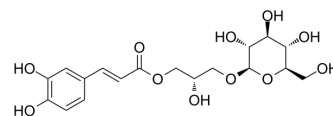
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Regaloside C

Cat. No.:	HY-N7627
CAS No.:	117591-85-2
Molecular Formula:	C ₁₈ H ₂₄ O ₁₁
Molecular Weight:	416.38
Target:	Others
Pathway:	Others
Storage:	<div> <div>Powder</div> <div>-20°C</div> <div>3 years</div> </div> <div> <div></div> <div>4°C</div> <div>2 years</div> </div> <div> <div>In solvent</div> <div>-80°C</div> <div>6 months</div> </div> <div> <div></div> <div>-20°C</div> <div>1 month</div> </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (240.17 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.4017 mL	12.0083 mL	24.0165 mL
		5 mM		0.4803 mL	2.4017 mL	4.8033 mL
		10 mM		0.2402 mL	1.2008 mL	2.4017 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 (6.00 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.00 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Regaloside C is a glycerol glucoside isolated from the bulbs of Lilium genus with anti-inflammatory activities. Regaloside C has cardiomyocyte protective activity by protecting the mitochondria in H ₂ O ₂ -induced heart H9C2 cells ^[1] .
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REFERENCES

[1]. Nhan Nguyen Thi, et al. Phenylpropanoids from Lilium Asiatic hybrid flowers and their anti-inflammatory activities. Applied Biological Chemistry volume 60, pages527–533(2017)

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

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