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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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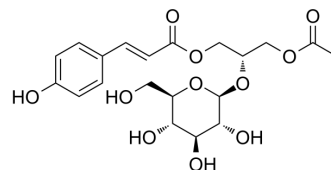
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Regaloside B

Cat. No.:	HY-N7688
CAS No.:	114420-67-6
Molecular Formula:	C ₂₀ H ₂₆ O ₁₁
Molecular Weight:	442
Target:	NO Synthase; COX
Pathway:	Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (226.24 mM; Need ultrasonic)																	
	<table border="1"> <thead> <tr> <th rowspan="2">Solvent Concentration</th> <th rowspan="2">Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>2.2624 mL</td> <td>11.3122 mL</td> <td>22.6244 mL</td> </tr> <tr> <td>5 mM</td> <td>0.4525 mL</td> <td>2.2624 mL</td> <td>4.5249 mL</td> </tr> <tr> <td>10 mM</td> <td>0.2262 mL</td> <td>1.1312 mL</td> <td>2.2624 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM	2.2624 mL	11.3122 mL	22.6244 mL	5 mM	0.4525 mL	2.2624 mL	4.5249 mL	10 mM	0.2262 mL	1.1312 mL	2.2624 mL
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Preparing Stock Solutions																		
Please refer to the solubility information to select the appropriate solvent.																		
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.66 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.66 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.66 mM); Clear solution 																	

BIOLOGICAL ACTIVITY

Description	Regaloside B is a phenylpropanoid isolated from <i>Lilium longiflorum</i> . Regaloside B can inhibit the expression of iNOS and COX-2. Regaloside B has anti-inflammatory activity ^{[1][2]} .
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REFERENCES

[1]. Thi NN, et, al. Phenylpropanoids from *Lilium Asiatic* hybrid flowers and their anti-inflammatory activities. *Applied Biological Chemistry*. 2017; 60: 527–533.

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

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