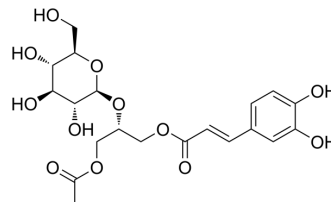


## Regaloside E

Cat. No.:	HY-N11487
CAS No.:	123134-21-4
Molecular Formula:	C <sub>20</sub> H <sub>26</sub> O <sub>12</sub>
Molecular Weight:	458.41
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 50 mg/mL (109.07 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.1815 mL	10.9073 mL	21.8145 mL
	5 mM	0.4363 mL	2.1815 mL	4.3629 mL
	10 mM	0.2181 mL	1.0907 mL	2.1815 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 1.25 mg/mL (2.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 1.25 mg/mL (2.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 1.25 mg/mL (2.73 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Regaloside E is a natural product that can be isolated from *Lilium longiflorum* Thunb. [1].

### REFERENCES

- [1]. Munafo JP Jr, et al. Quantitative Analysis of Phenylpropanoid Glycerol Glucosides in Different Organs of Easter Lily (*Lilium longiflorum* Thunb.). J Agric Food Chem. 2015 May 20;63(19):4836-42.

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

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