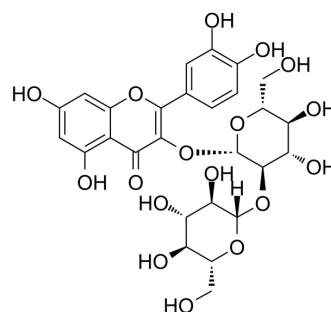


## Baimaside

<b>Cat. No.:</b>	HY-N2183
<b>CAS No.:</b>	18609-17-1
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>30</sub> O <sub>17</sub>
<b>Molecular Weight:</b>	626.52
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 250 mg/mL (399.03 mM; Need ultrasonic)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		1.5961 mL	7.9806 mL	15.9612 mL
		<b>5 mM</b>		0.3192 mL	1.5961 mL	3.1922 mL
<b>10 mM</b>		0.1596 mL	0.7981 mL	1.5961 mL		
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (3.32 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.32 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.32 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	Quercetin 3-beta-sophoroside is isolated from the flowers of <i>A. venetum</i> , is an scavengers of superoxide anions <sup>[1]</sup> .
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### REFERENCES

- [1]. Chen L, et al. Studies on chemical constituents from flowers of *Apocynum venetum*. *Zhongguo Zhong Yao Za Zhi*. 2005 Sep;30(17):1340-2.
- [2]. Cano A, et al. Superoxide scavenging by polyphenols: effect of conjugation and dimerization. *Redox Rep*. 2002;7(6):379-83.

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

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