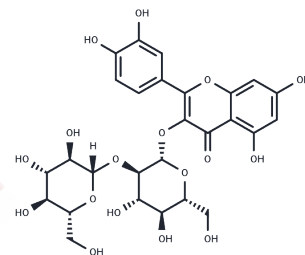


## Baimaside

### Chemical Properties

CAS No. :	18609-17-1
Formula:	C <sub>27</sub> H <sub>30</sub> O <sub>17</sub>
Molecular Weight:	626.52
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Quercetin-3-O-sophoroside is a scavenger of superoxide anion isolated from the flowers of <i>A. venetum</i> .
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 150 mg/mL (239.42 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.19 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5961 mL	7.9806 mL	15.9612 mL
5 mM	0.3192 mL	1.5961 mL	3.1922 mL
10 mM	0.1596 mL	0.7981 mL	1.5961 mL
50 mM	0.0319 mL	0.1596 mL	0.3192 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Zhou J , Sun J B , Xu X Y , et al. Application of mixed cloud point extraction for the analysis of six flavonoids in Apocynum venetum leaf samples by high performance liquid chromatography[J]. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107:273-279.

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