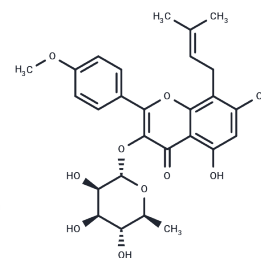


Baohuoside I

Chemical Properties

CAS No. :	113558-15-9
Formula:	C ₂₇ H ₃₀ O ₁₀
Molecular Weight:	514.52
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	Baohuoside I (Icariside-II) is a component of Epimedium koreanum, exhibits anti-inflammatory activity and anti-osteoporosis activities.
Targets(IC50)	Apoptosis,CXCR

Solubility Information

Solubility	DMSO: 257.5 mg/mL (500.47 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 (3.89 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	1.9436 mL	9.7178 mL	19.4356 mL
5 mM	0.3887 mL	1.9436 mL	3.8871 mL
10 mM	0.1944 mL	0.9718 mL	1.9436 mL
50 mM	0.0389 mL	0.1944 mL	0.3887 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

- Kim B, et al. Biochemistry. 2014 Dec 9;53(48):7562-9.
Jin X, et al. Drug Dev Ind Pharm. 2013 Sep;39(9):1421-30.
Zhan Y, et al. Yao Xue Xue Bao. 2014 Jun;49(6):932-7.
Song J, et al. Chem Biol Interact. 2012 Jul 30;199(1):9-17.

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