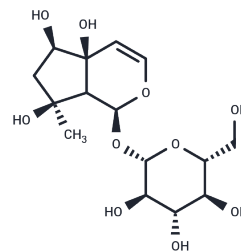


## Harpagide

## Chemical Properties

CAS No. :	6926-08-5
Formula:	C <sub>15</sub> H <sub>24</sub> O <sub>10</sub>
Molecular Weight:	364.35
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	1. Harpagide has antibacterial activity. 2. Harpagide has antiviral activity. 3. Harpagide has anti-inflammatory activity.
Targets(IC50)	Antibacterial,Parasite

## Solubility Information

Solubility	Ethanol: Soluble, DMSO: 250 mg/mL (686.15 mM),Sonication is recommended. Pyridine, Methanol, etc.: Soluble, (< 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 (5.49 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

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	1mg	5mg	10mg
1 mM	2.7446 mL	13.7231 mL	27.4461 mL
5 mM	0.5489 mL	2.7446 mL	5.4892 mL
10 mM	0.2745 mL	1.3723 mL	2.7446 mL
50 mM	0.0549 mL	0.2745 mL	0.5489 mL

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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

Zhongsheng C , Keqian D , Huanyun M . Protective effects of Harpagide and Harpagoside on human vascular endothelial cells injury induced by hydrogen peroxide[J]. Medical Research and Education, 2009.

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