

## Dipsacoside B

### Chemical Properties

CAS No. : 33289-85-9

Formula: C<sub>53</sub>H<sub>86</sub>O<sub>22</sub>

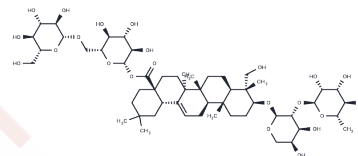
Molecular Weight: 1075.24

Storage:

Store at low temperature, Keep away from direct sunlight, Keep away from moisture

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	Dipsacoside B, a major bioactive saponin, is used as a marker.
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 250 mg/mL (232.51 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 (1.86 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	0.930 mL	4.6501 mL	9.3002 mL
5 mM	0.186 mL	0.930 mL	1.860 mL
10 mM	0.093 mL	0.465 mL	0.930 mL
50 mM	0.0186 mL	0.093 mL	0.186 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

Chen CY, et al. Liquid chromatography-mass spectrometry analysis of macranthoidin B, macranthoidin A, Dipsacoside B, and macranthoside B in rat plasma for the pharmacokinetic investigation. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2009 Jan 15;877(3):159-65.

Zhang X, et al. Rapid quantitative analysis of adulterant *Lonicera* species in preparations of *Lonicerae Japonicae* Flos. *J Sep Sci.* 2015 Dec;38(23):42014-20.

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