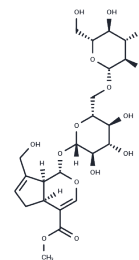


Genipin 1- β -D-gentiobioside

Chemical Properties

CAS No. :	29307-60-6
Formula:	C ₂₃ H ₃₄ O ₁₅
Molecular Weight:	550.51
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	Genipin 1- β -D-gentiobioside is a natural product for research related to life sciences. The catalog number is T4S2299 and the CAS number is 29307-60-6.
Targets(IC50)	Antioxidant

Solubility Information

Solubility	DMSO: 250 mg/mL (454.12 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 (3.63 mM), Sonication is recommended. 10% DMSO+90% Saline: 10 mg/mL (18.16 mM), Solution. <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	1.8165 mL	9.0825 mL	18.165 mL
5 mM	0.3633 mL	1.8165 mL	3.633 mL
10 mM	0.1816 mL	0.9082 mL	1.8165 mL
50 mM	0.0363 mL	0.1816 mL	0.3633 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

Zhu H, et al. Simultaneous determination of two iridoid glycosides, two anthraquinones and four flavonoid glycosides of Zhi-Zi-Da-Huang decoction in rat plasma by UFLC-MS/MS: application to a comparative pharmacokinetic study in normal and cholestatic liver injury rats. J Chromatogr B Analyt Technol Biomed Life Sci. 2014 Jun 1;960:116-25.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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