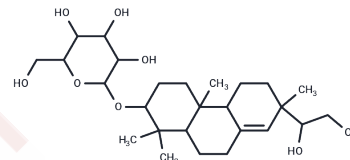


Darutoside

Chemical Properties

CAS No. :	59219-65-7
Formula:	C ₂₆ H ₄₄ O ₈
Molecular Weight:	484.62
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	1. Darutoside (Darutin) can as an appropriate treatment for wounds. 2. Darutoside can improve skin elasticity, surface appearance and stretch mark removal, through soothing the skin, decreasing inflammation, restoring collagen and promoting collagen production.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: Soluble, Pyridine, Methanol, etc.: Soluble, DMSO: 88 mg/mL (181.59 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: 3.3 mg/mL (6.81 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	2.0635 mL	10.3174 mL	20.6347 mL
5 mM	0.4127 mL	2.0635 mL	4.1269 mL
10 mM	0.2063 mL	1.0317 mL	2.0635 mL
50 mM	0.0413 mL	0.2063 mL	0.4127 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

Su T , Yu H , Kwan H Y , et al. Comparisons of the chemical profiles, cytotoxicities and anti-inflammatory effects of raw and rice wine-processed Herba Siegesbeckiae[J]. Journal of Ethnopharmacology, 2014, 156:365-369.

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