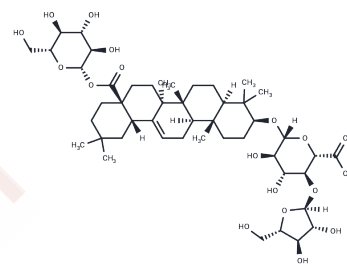


Araloside A

Chemical Properties

CAS No. :	7518-22-1
Formula:	C47H74O18
Molecular Weight:	927.08
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	Araloside A (Chikusetsusaponin IV) might relieve cutaneous symptoms caused by excessive apoptotic cell death in the skin through the Fas/FasL pathway.
Targets(IC50)	Apoptosis, RAAS, Bcl-2 Family, Fas/FasL, Interleukin

Solubility Information

Solubility	DMSO: 25 mg/mL (26.97 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: 1 mg/mL (1.08 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	1.0787 mL	5.3933 mL	10.7866 mL
5 mM	0.2157 mL	1.0787 mL	2.1573 mL
10 mM	0.1079 mL	0.5393 mL	1.0787 mL
50 mM	0.0216 mL	0.1079 mL	0.2157 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

Hosononishiyama K , Matsumoto T , Kiyohara H , et al. Suppression of Fas-Mediated Apoptosis of Keratinocyte Cells by Chikusetsusaponins Isolated from the Roots of *Panax japonicus*[J]. *Planta Medica*, 2005, 72(03):193-198.

Ma J, Wang J, Wang J, et al. Araloside A alleviates sepsis-induced acute lung injury via PHD2/HIF-1 α in macrophages. *Phytomedicine*. 2024: 156089.

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