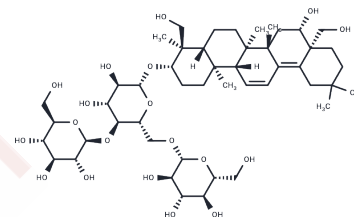


CLINODISIDE A

Chemical Properties

CAS No. :	916347-31-4
Formula:	C ₄₈ H ₇₈ O ₁₉
Molecular Weight:	959.13
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	Clinodiside A in rats with one compartment open model into the body, rapid distribution, elimination rate.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: Soluble, DMSO: 100 mg/mL (104.26 mM),Sonication is recommended. Pyridine, Methanol: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (5.21 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	1.0426 mL	5.2131 mL	10.4261 mL
5 mM	0.2085 mL	1.0426 mL	2.0852 mL
10 mM	0.1043 mL	0.5213 mL	1.0426 mL
50 mM	0.0209 mL	0.1043 mL	0.2085 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

Xue SR,et al. Triterpenoid saponins from Clinopodium polycephalum. Phytochemistry. 1992 Mar;31(3):1049-50.
Xue SR,et al. [Studies on the triterpenoid saponin of Cinopodium chinense (Benth) O. Kuntze]. Yao Xue Xue Bao. 1992;27(3):207-12.

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