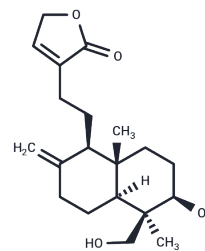


## 14-Deoxyandrographolide

## Chemical Properties

CAS No. :	4176-97-0
Formula:	C <sub>20</sub> H <sub>30</sub> O <sub>4</sub>
Molecular Weight:	334.45
Storage:	Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	14-Deoxyandrographolide is a bioactive compound of <i>Andrographis paniculata</i> with hepatoprotective efficacy. It desensitizes hepatocytes to TNF- $\alpha$ -mediated apoptosis through the release of TNFRSF1A release.
Targets(IC50)	Apoptosis, Calcium Channel

## Solubility Information

Solubility	DMSO: 3.35 mg/mL (10.02 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.990 mL	14.9499 mL	29.8998 mL
5 mM	0.598 mL	2.990 mL	5.980 mL
10 mM	0.299 mL	1.495 mL	2.990 mL
50 mM	0.0598 mL	0.299 mL	0.598 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

Roy DN, et al. 14-Deoxyandrographolide desensitizes hepatocytes to tumour necrosis factor- $\alpha$ -induced apoptosis through calcium-dependent tumour necrosis factor receptor superfamily member 1A release via the NO/cGMP pathway. *Br J Pharmacol.* 2010 Aug;160(7):1823-43.

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