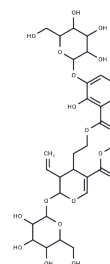


## Depressine

## Chemical Properties

CAS No. :	176182-06-2
Formula:	C30H40O18
Molecular Weight:	688.63
Storage:	Keep away from direct sunlight 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	Depressine is a cycloaromatic triterpenoid glycoside isolated from <i>Gentiana depressa</i> , suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 80.00 mg/mL (116.17 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	1.4522 mL	7.2608 mL	14.5216 mL
5 mM	0.2904 mL	1.4522 mL	2.9043 mL
10 mM	0.1452 mL	0.7261 mL	1.4522 mL
50 mM	0.029 mL	0.1452 mL	0.2904 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

- Hudecová A, et al. Silver nanoparticles induce premutagenic DNA oxidation that can be prevented by phytochemicals from *Gentiana asclepiadea*. *Mutagenesis*. 2012 Nov;27(6):759-69.
- Chulia A J, et al. Iridoids and flavones from *Gentiana depressa*[J]. *Phytochemistry*, 1996, 42(1): 139-143.

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