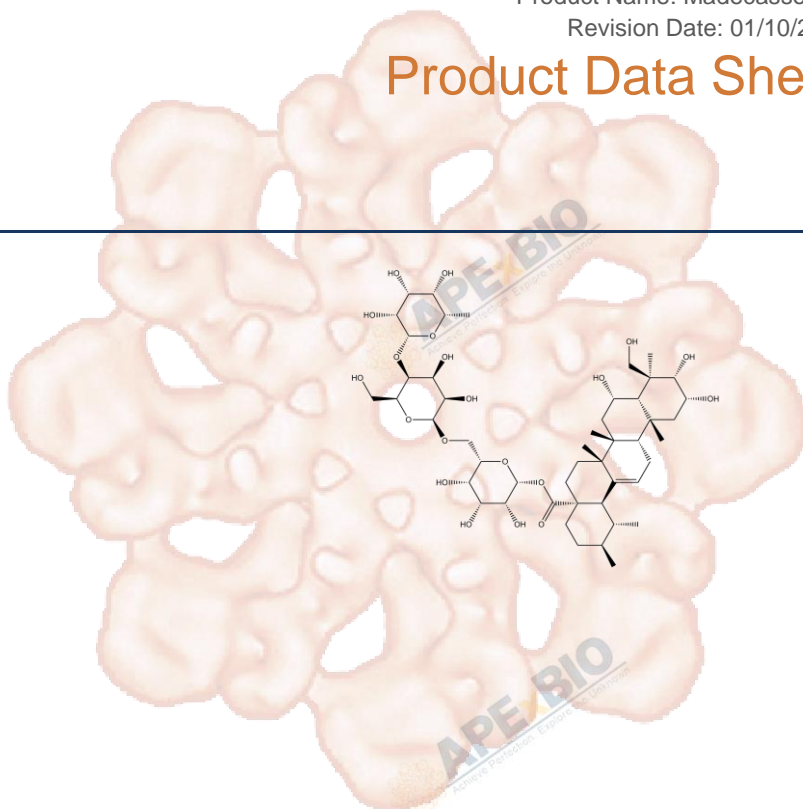


# Product Data Sheet

## Madecassoside

<b>Cat. No.:</b>	N1663
<b>CAS No.:</b>	34540-22-2
<b>Formula:</b>	C48H78O20
<b>M.Wt:</b>	975.12
<b>Synonyms:</b>	
<b>Target:</b>	Natural Products
<b>Pathway:</b>	
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥47.6 mg/mL in DMSO; insoluble in EtOH; ≥5.45 mg/mL in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.0255 mL	5.1276 mL	10.2551 mL
	<b>5 mM</b>	0.2051 mL	1.0255 mL	2.0510 mL
	<b>10 mM</b>	0.1026 mL	0.5128 mL	1.0255 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Major triterpenoid Centella asiatica component

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1.Duggina, Pragathi, et al. "Protective effect of centella triterpene saponins against cyclophosphamide-induced immune and hepatic system dysfunction in rats: its possible mechanisms of action." Journal of physiology and biochemistry (2015): 1-20.PMID:26168711

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APExBIO Technology**

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