

## Ganoderic acid D2

## Chemical Properties

CAS No. :	97653-94-6
Formula:	C <sub>30</sub> H <sub>42</sub> O <sub>8</sub>
Molecular Weight:	530.66
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	Ganoderic acid D2 is a triterpenoid natural product isolated from Ganoderma lucidum. It belongs to the ganoderic acid family and exhibits multiple biological activities, including anticancer, anti-inflammatory, and antioxidant effects.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 20.00 mg/mL (37.69 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	1.8844 mL	9.4222 mL	18.8445 mL
5 mM	0.3769 mL	1.8844 mL	3.7689 mL
10 mM	0.1884 mL	0.9422 mL	1.8844 mL
50 mM	0.0377 mL	0.1884 mL	0.3769 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

Xiao-Yu Guo, et al. Identification of major compounds in rat bile after oral administration of total triterpenoids of Ganoderma lucidum by high-performance liquid chromatography with electrospray ionization tandem mass spectrometry. J Pharm Biomed Anal. 2012 Apr 7;63:29-39.

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