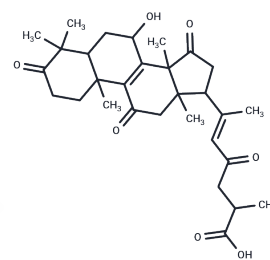


## Ganoderenic acid D

## Chemical Properties

CAS No. :	100665-43-8
Formula:	C <sub>30</sub> H <sub>40</sub> O <sub>7</sub>
Molecular Weight:	512.63
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	Ganoderenic acid D is a natural product isolated from the effective compounds of Ganoderma lucidum extract (GLE). Ganoderenic acid D induces cell cycle arrest and apoptosis and inhibits the proliferation of cancer cells.
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9507 mL	9.7536 mL	19.5072 mL
5 mM	0.3901 mL	1.9507 mL	3.9014 mL
10 mM	0.1951 mL	0.9754 mL	1.9507 mL
50 mM	0.039 mL	0.1951 mL	0.3901 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

Zhao RL, et al. Network pharmacology analysis of the anti-cancer pharmacological mechanisms of Ganoderma lucidum extract with experimental support using Hepa1-6-bearing C57 BL/6 mice. J Ethnopharmacol. 2018 Jan 10; 210:287-295.

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