

Deacetyl ganoderic acid F

Chemical Properties

CAS No. : 100665-44-9

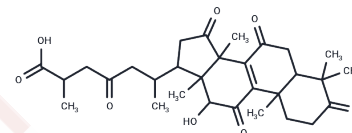
Formula: C₃₀H₄₀O₈

Molecular Weight: 528.63

Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Deacetyl ganoderic acid F (DeGA F), a triterpenoid extracted from Ganoderma lucidum, inhibits lipopolysaccharide (LPS)-induced inflammation in vitro and in vivo.
Targets(IC50)	Others
In vitro	On murine microglial cell line BV-2 cells, Deacetyl ganoderic acid F treatment inhibited LPS-triggered NO production and iNOS expression and affected the secretion and mRNA levels of relative inflammatory cytokines[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8917 mL	9.4584 mL	18.9168 mL
5 mM	0.3783 mL	1.8917 mL	3.7834 mL
10 mM	0.1892 mL	0.9458 mL	1.8917 mL
50 mM	0.0378 mL	0.1892 mL	0.3783 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

Sheng F, et al. Deacetyl Ganoderic Acid F Inhibits LPS-Induced Neural Inflammation via NF-κB Pathway Both In Vitro and In Vivo. *Nutrients*. 2019 Dec 27;12(1):85.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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