

20-Hydroxyganoderic acid G

Chemical Properties

CAS No. : 400604-12-8

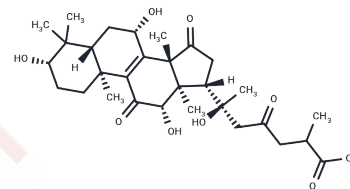
Formula: C₃₀H₄₄O₉

Molecular Weight: 548.66

Storage: Store at low temperature, Keep away from direct sunlight

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	20-Hydroxyganoderic acid G is a lanosterane triterpenoid obtained from the ethanolic extract of <i>Ganoderma curtisii</i> (<i>Ganoderma curtisii</i>) cotyledons. 20-Hydroxyganoderic Acid G inhibited LPS-activated BV-2 microglia, with an IC ₅₀ value of 21.33 μM. 20-Hydroxyganoderic Acid G was used to study neuroinflammatory diseases associated with LPS activation. 20-Hydroxyganoderic Acid G was used to study neuroinflammatory diseases associated with microglia activated by LPS.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8226 mL	9.1131 mL	18.2262 mL
5 mM	0.3645 mL	1.8226 mL	3.6452 mL
10 mM	0.1823 mL	0.9113 mL	1.8226 mL
50 mM	0.0365 mL	0.1823 mL	0.3645 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

Jiao Y, Xie T, et al. Lanostane triterpenoids from *Ganoderma curtisii* and their NO production inhibitory activities of LPS-induced microglia. *Bioorg Med Chem Lett*. 2016 Aug 1;26(15):3556-61.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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