



Ganoderenic acid H Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ganoderenic acid H

Catalog No.: CFN90302

Cas No.: 120462-48-8

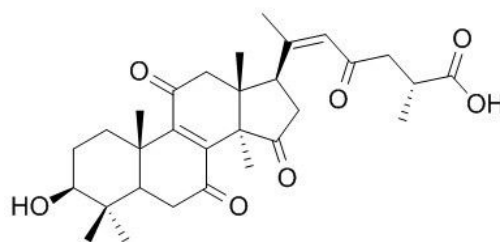
Purity: > 98%

M.F: C₃₀H₄₀O₇

M.W: 512.64

Physical Description: White cryst.

Synonyms: 3-Hydroxy-7,11,15,23-tetraoxolanosta-8,20-dien-26-oic acid.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The fruiting bodys of *Ganoderma lucidum*.

[Biological Activity or Inhibitors]

Ganoderenic acid H is one compound of triterpenoids isolated from *Ganoderma lucidum*, triterpenoids exhibit a broad spectrum of anti-cancer properties, including anti-proliferative, anti-metastatic and anti-angiogenic activities.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.04% Formic acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 15 °C;

The wave length of determination: 252 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Wu G S, Guo J J, Bao J L, *et al. Expert Opin. Inv. Drugs*, 2013, 22(8):981-92.

[2] Li B M, Liu C, Wang H Q, *et al. Chinese Journal of Pharmaceutical Analysis*, 2009, 29(9):1514-7.

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