

Ganoderic acid B Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ganoderic acid B

Catalog No.: CFN92052

Cas No.: 81907-61-1

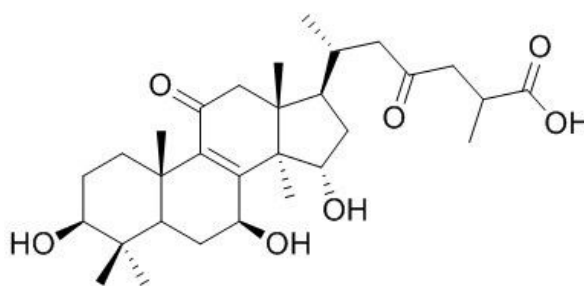
Purity: > 95%

M.F: C₃₀H₄₄O₇

M.W: 516.7

Physical Description: White cryst.

Synonyms: 3Beta,7beta-Dihydroxy-11,15,23-trioxolanost-8-en-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]

Oxidization and hydroxylation are the common metabolic pathways for Ganoderic acid B.^[1]

Ganoderic acid beta shows significant anti-human immunodeficiency virus (anti-HIV)-1 protease activity.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: 0.05% Phosphoric acid - Acetonitrile=65:35;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Guo X, Shen X, Long J, *et al. Biomed. Chromatogr .Bmc*, 2013, 27(9):1177-87.

[2] Min B, Nakamura N, Miyashiro H, *et al. ChemInform*, 1999, 46(15):1607-12.

[3] Wang S Z, Lin D, Lin Z X, *et al. Drug Evaluation*, 2012, 35 (03): 190-3.

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