[ **Product Information** ]

Name: Ganoderic acid AM1

**Catalog No.:** CFN90296

**Cas No.:** 149507-55-1

**Purity:** > 98%

**M.F:** C_{30}H_{42}O_{7}

**M.W:** 514.66

**Physical Description:** White cryst.

**Synonyms:** 3-Hydroxy-7,11,15,23-tetraoxolanost-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** ]
Ganoderenic acid AM1, isolated from Ganoderma lucidum, has anti-cancer properties.[1] Ganoderenic acid AM1 exhibits hepatoprotective activities against DL-galactosamine -induced cell damage in HL-7702 cells.[2] Ganodermic acid AM1 may exert their cytotoxicity by altering proteins involved in and/or, carcinogenesis, oxidative stress, calcium signaling and stress.[3]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][2]
Mobile phase: Methanol- H2O. gradient elution;
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 ]

[ Contact ]
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