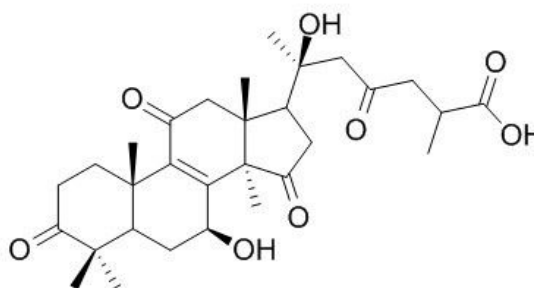


## Ganoderic acid N Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)**[ Product Information ]****Name:** Ganoderic acid N**Catalog No.:** CFN90293**Cas No.:** 110241-19-5**Purity:** > 98%**M.F:** C<sub>30</sub>H<sub>42</sub>O<sub>8</sub>**M.W:** 530.65**Physical Description:** White cryst.**Synonyms:** 7,20-Dihydroxy-3,11,15,23-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 ]**

23-Dihydroganoderic Acid N has anticancer effects.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Acetonitrile - 0.03% Aqueous phosphoric acid ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

The wave length of determination: 252 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] KA Kang, Z Rui, JP Mei, *et al.* *한국환경성물연변이* • *발암원학회지* 제 26 권 제 4 호, 2006.12, 116-8.

[2] Wang X, Liu R, Sun J, *et al.* *Biomed. Chromatogr.*, 2007, 21(4):389-96.

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