

## Ganoderic acid TN Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

### [ Product Information ]

**Name:** Ganoderic acid TN

**Catalog No.:** CFN90298

**Cas No.:** 112430-64-5

**Purity:** > 98%

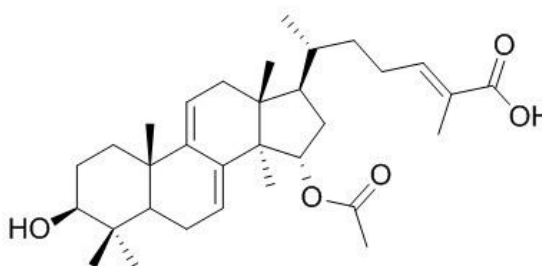
**M.F:** C<sub>32</sub>H<sub>48</sub>O<sub>5</sub>

**M.W:** 512.73

**Physical Description:** White cryst.

**Synonyms:** Ganoderic acid N;

Lanosta-7,9(11),24-trien-26-oicacid, 15-(acetyloxy)-3-hydroxy-, (3b,15a,24E)- (9CI);



### [ Intended Use ]

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

### [ Source ]

The fruiting bodys of *Ganoderma lucidum*.

## **[ Biological Activity or Inhibitors ]**

23-Dihydroganoderic acid N, a triterpenoid compound, has anticancer effects, shows sensitive to MCF-7 cells among NCI-H460, HeLa, U937, and MCF-7 cells.<sup>[1]</sup>

## **[ Solvent ]**

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

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

Mobile phase: Methanol-0.5% Acetic acid H<sub>2</sub>O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 245 nm.

Reference is to analyze the condition of ganoderic acid T.

## **[ Storage ]**

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

## **[ References ]**

[1] Kyoung Ah Kang, Rui Zhang, Mei Jing Piao, *et al.* *한국환경성독물연구*: 발암원학회지 제 26 권 제 4 호, 2006.12, 116-8 .

[2] Zhao N F, Na J, Wei F J ,*et al.* *Sci .Tech. Food Indust.*, 2014, 35(16):71-5.

## **[ Contact ]**

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