

## Ganoderic acid TR Datasheet

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

### [ Product Information ]

**Name:** Ganoderic acid TR

**Catalog No.:** CFN92235

**Cas No.:** 862893-75-2

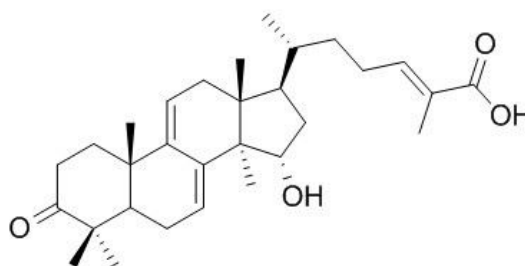
**Purity:** >95%

**M.F:** C<sub>30</sub>H<sub>44</sub>O<sub>4</sub>

**M.W:** 468.7

**Physical Description:** Powder

**Synonyms:** (15 $\alpha$ ,24E)-15-Hydroxy-3-oxolanosta-7,9(11),24-trien-26-oic acid.



### [ Intended Use ]

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

### [ Source ]

The fruit body of *Ganoderma lucidum*.

### [ Biological Activity or Inhibitors ]

Ganoderic acid TR, a new lanostanoid with 5  $\alpha$  -reductase inhibitory activity from the

fruiting body of *Ganoderma lucidum*.<sup>[1]</sup>

## **[ Solvent ]**

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

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

Mobile phase: Acetonitrile-0.03%Phosphoric acid H<sub>2</sub>O=28:72;

Flow rate: 1.2 ml/min;

Column temperature: 35 °C;

The wave length of determination: 250 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Liu J, Shimizu K, Kondo R. *Nat. Prod. Commun.*, 2006, 1(5):345-50.

[2] Dong H L, Xia G P, Zhao N X, *et al. Drugs & Clinic*, 2013, 28(1):41-3.

## **[ Contact ]**

**Address:**

S5-3 Building, No. 111, Dongfeng Rd.,  
Wuhan Economic and Technological Development Zone,  
Wuhan, Hubei 430056,  
China

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)