[**Product Information**]

**Name:** Ganoderic acid S  
**Catalog No.:** CFN99066  
**Cas No.:** 104759-35-5  
**Purity:** > 98%  
**M.F:** C₃₀H₄₄O₃  
**M.W:** 452.7  
**Physical Description:** Powder  
**Synonyms:** 3-Oxolanosta-7,9(11),24E-trien-26-oic acid; Tyromycic acid.

[**Intended Use**]

1. Reference standards;  
2. Pharmacological research;  
3. Food and cosmetic research;  
4. Synthetic precursor compounds;  
5. Ingredient in supplements, beverages;  
6. Intermediates & Fine Chemicals;  
7. Others.

[**Source**]

The fruit body of *Ganoderma lucidum* (Curtis) P. Karst.

[**Biological Activity or Inhibitors**]

Ganoderic acid S and Mf induce mitochondria mediated apoptosis in human cervical
carcinoma HeLa cells.[1]

A novel combination of triterpenoids includes at least ganoderic acid S (GAS), ganoderic acid T (GAT), ganoderic acid Me (GAMe), ganoderic acid R (GAR), and ganodermic acid S (GMAS), the composition is suitable for the treatment or prophylaxis of colon cancer, hepatic cancer, breast cancer, lung cancer or leukemia.[2]

[ **Solvent** ]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO.

[ **HPLC Method** ][3]

Mobile phase: 0.5% Acetic acid-Methanol, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 30 °C;
The wavelength of determination: 245 nm.

[ **Storage** ]

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

[ **References** ]


[ **Contact** ]

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