[ **Product Information** ]

**Name:** Lucidal  
**Catalog No.:** CFN92234  
**Cas No.:** 252351-96-5  
**Purity:** > 95%  
**M.F:** C_{30}H_{46}O_{3}  
**M.W:** 454.7  
**Physical Description:** Powder  
**Synonyms:** (3beta,24E)-3-Hydroxy-7-oxo-lanosta-8,24-dien-26-al;Lucialdehyde C.

[ **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**]

Lucialdehyde C (Lucidal) exhibits potent cytotoxicity against LLC, T-47D, Sarcoma 180,
and Meth-A tumor cells with ED(50) values of 10.7, 4.7, 7.1, and 3.8 microg/ml, respectively.[1]

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

**[HPLC Method]**[1]
Mobile phase: 2% Acetic acid in water- Acetonitrile, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 242 nm.

**[Storage]**
2-8°C, Protected from air and light, refrigerate or freeze.

**[References]**

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