Lucialdehyde A Datasheet

4th Edition (Revised in July, 2016)

[ Product Information ]
Name: Lucialdehyde A
Catalog No.: CFN90304
Cas No.: 420781-84-6
Purity: >= 98%
M.F: C_{30}H_{46}O_{2}
M.W: 438.69

Physical Description: White cryst.
Synonyms: 3-Hydroxylanosta-7,9(11),24-trien-26-al

[ 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 ]
Lucaldehydes A-C (1-3) are new lanostane-type triterpene aldehydes, isolated from the fruiting bodies of Ganoderma lucidum, show cytotoxic effects on tumor cells, including Lewis lung carcinoma (LLC), T-47D, Sarcoma 180, and Meth-A tumor cell lines.[1]

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

[ HPLC Method ][2]
Mobile phase: Methanol-0.5% Acetic acid H2O, 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 ]

[ Contact ]
Address:  
S5-3 Building, No. 111, Dongfeng Rd., Wuhan Economic and Technological Development Zone, Wuhan, Hubei 430056, China  
Email: info@chemfaces.com  
Tel: +86-27-84237783  
Fax: +86-27-84254680  
Web: www.chemfaces.com  
Tech Support: service@chemfaces.com