

Butyrospermol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Butyrospermol

Catalog No.: CFN92376

Cas No.: 472-28-6

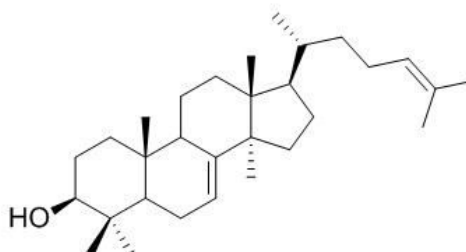
Purity: > 95%

M.F: C₃₀H₅₀O

M.W: 426.72

Physical Description: Powder

Synonyms: (13 α , 14 β , 17S)-5 α -Lanosta-7,24-dien-3 β -ol.



[Intended Use]

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

[Source]

The herbs of *Portulaca oleracea* L.

[Biological Activity or Inhibitors]

Butyrospermol acetate, a triterpene acetate, exhibits inhibitory effect on skin tumor

promotion in an in vivo two-stage carcinogenesis test using 7,12-dimethylbenz [a] anthracene (DMBA) as an initiator and TPA as a promoter, the exceptionally high levels of triterpenes in shea fat, indicates that shea nuts and shea fat (shea butter) constitute a significant source of anti-inflammatory and anti-tumor promoting compounds.^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Akihisa T, Kojima N, Kikuchi T, *et al. J. Oleo Sci.*, 2010, 59(6):273-80.

[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