[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: (13α,14β,17S)-5α-Lanosta-7,24-dien-3β-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℃, Protected from air and light, refrigerate or freeze.

[ References ]

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