



2,3,24-Trihydroxyolean-12-en-28-oic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 2,3,24-Trihydroxyolean-12-en-28-oic acid

Catalog No.: CFN99628

Cas No.: 150821-16-2

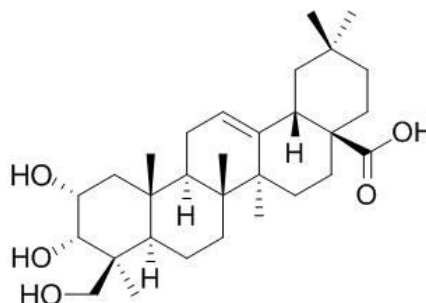
Purity: >95%

M.F: C₃₀H₄₈O₅

M.W: 488.7

Physical Description: Powder

Synonyms: 2 α ,3 α ,24-Trihydroxyolean-12-en-28-oic acid.



[Intended Use]

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

[Source]

The herbs of *Coleus forskohlii*.

[Biological Activity or Inhibitors]

2 α ,3 α ,24-Trihydroxyolean-12-en-28-oic acid, a triterpenoid phytoalexin, isolated from peel

of unripe fruits of nectarine (*Prunus persica* cv Fantasia), shows antifungal activity against the fungus mentioned.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- Aqueous 0.01 M phosphate buffer and=88:12 ;

Flow rate: 0.8 ml/min;

Column temperature: 25 °C;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Lahlou H E, Hirai N, Tsuda M, *et al. Phytochemistry*, 1999, 52(4):623-9.

[2] Mi K L, Ahn Y M, Kang R L, *et al. Anal. Chim. Acta*, 2009, 633(2):271-7.

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