



3-O-Acetyl-beta-boswellic acid Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 3-O-Acetyl-beta-boswellic acid

Catalog No.: CFN90530

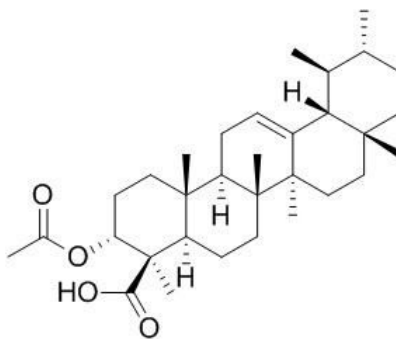
Cas No.: 5968-70-7

Purity: > 98%

M.F: C₃₂H₅₀O₄

M.W: 498.74

Physical Description: Powder



Synonyms: (3R,4R,4aR,6aR,6bS,8aR,11R,12S,12aR,14aR,14bR)-3-acetyloxy-4,6a,6b,8a,11,12,14b-heptamethyl-2,3,4a,5,6,7,8,9,10,11,12,12a,14,14a-tetradecahydro-1H-picene-4-carboxylic acid.

[Intended Use]

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

[Source]

The herbs of *Boswellia carterii* Birdw.

[Biological Activity or Inhibitors]

3-O-Acetyl-beta-boswellic acid has anti-inflammatory activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.1%Phosphoric acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 210/250 nm.

[Storage]

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

[References]

[1] Gerbeth K, Hüscher J, Fricker G, *et al. Fitoterapia*, 2012, 84(1):99-106.

[2] Wang C, Xia L, Song Z, *et al. China Journal of Chinese Materia Medica*, 2011, 36(10): 1330-3.

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