

Betulinaldehyde Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Betulinaldehyde

Catalog No.: CFN99759

Cas No.: 13159-28-9

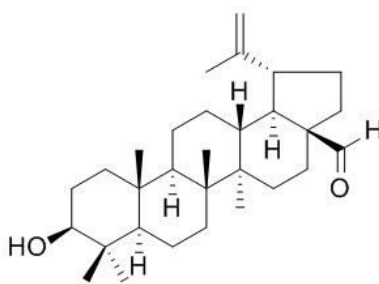
Purity: >=98%

M.F: C₃₀H₄₈O₂

M.W: 440.70

Physical Description: Powder

Synonyms: 3beta-Hydroxy-Lup-20(30)-en-28-al;Betunal;Lup-20(29)-en-28-al,
3beta-hydroxy-;Nsc 250423.



[Intended Use]

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

[Source]

The leaves of *Dillenia turbinata* Finet et Gagnep.

[Biological Activity or Inhibitors]

Betulinaldehyde shows antimycobacterial activity against with values of 25 microg/ml.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

The wave length of determination: 204 nm.

[Storage]

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

[References]

[1] Suksamrarn S, Panseeta P, Kunchanawatta S, *et al. Chem. Pharmaceut. Bull.*, 2006, 54(4):535-7.

[2] Cao X L, Zhou W, Xie X B, *et al. Chinese Patent Medicine*, 2015, 37 (5): 1013-6.

[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