

Daturaolone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Daturaolone

Catalog No.: CFN94010

Cas No.: 41498-80-0

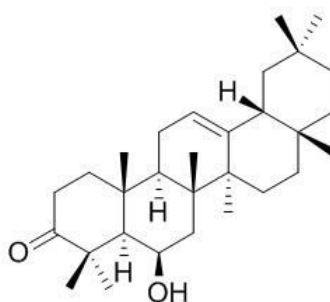
Purity: >=98%

M.F: C₃₀H₄₈O₂

M.W: 440.71

Physical Description: Powder

Synonyms: (6beta)-6-hydroxyolean-12-en-3-one.



[Intended Use]

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

[Source]

The herbs of *Datura stramonium* Linn.

[Biological Activity or Inhibitors]

Daturaolone has potency in reducing the harmful effects or in maintaining the normal

hepatic physiological mechanisms in both acute and chronic hepato-toxic induced liver damage in rats.^[1]

Daturaolone possesses in vivo anti-inflammatory and antinociceptive potentials, which are supported in silico by an interaction with COXs receptors.^[2]

[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] Grace M H, Saleh M M. *Pharmazie*, 1996, 51(8):593-5.

[2] Rauf A, Maione F, Uddin G, *et al. Evid. Based Complement .Alternat. Med.*, 2016; 2016: 4098686.

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