

3-Hydroxy-11-ursen-28,13-olide Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 3-Hydroxy-11-ursen-28,13-olide

Catalog No.: CFN98486

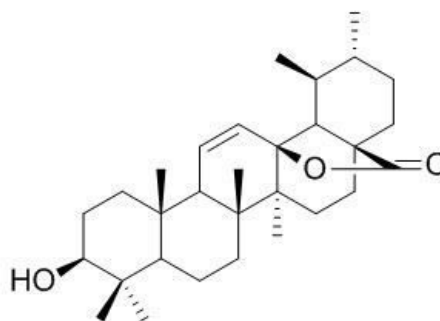
Cas No.: 35959-05-8

Purity: > 95%

M.F: C₃₀H₄₆O₃

M.W: 454.7

Physical Description: Powder



Synonyms: 3 β -Hydroxyurs-11-en-28,13-olide; (3S,4aR,6aR,6bS,8aS,11R,12S,12aR,12bS,14aR,14bS)-3-hydroxy-4,4,6a,6b,11,12,14b-heptamethyl-2,3,4,4a,5,6,6a,6b,7,8,10,11,12,12a,14a,14b-hexadecahydro-1H,9H-12b,8a-(epoxymethano)picen-16-one; 3 β -Hydroxy-urs-11-en-13 β ,28-olide.

[Intended Use]

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

[Source]

The leaves of *Eucalyptus viminalis*.

[Biological Activity or Inhibitors]

3 β -Hydroxy-urs-11-en-28,13 β -olide exhibits weak-moderate antiproliferative activity against the A2780 human ovarian cancer cell line.^[1]

3 β -Hydroxy-urs-11-en-13 β ,28-olide shows a potent concentration-independent cytoprotective effect against CCl₄-induced injury on human hepatoma cell line relative to silymarin as a reference standard.^[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] Topçu G, Yapar G, Türkmen Z, *et al. Phytochem. Lett.*,2011,4(4):421-5.

[2] Abdelmonem A R, Kandil Z A, Abdelnaim A B, *et al. Nat. Prod. Res.*,2014,29(5):423-9.

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