

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

5th Edition (Revised in January, 2017)

[Product Information]

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

Catalog No.: CFN98487

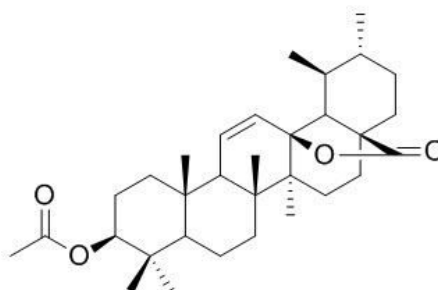
Cas No.: 35959-08-1

Purity: > 95%

M.F: C₃₂H₄₈O₄

M.W: 496.7

Physical Description: Cryst.



Synonyms: 3β-Acetoxy-13-hydroxyurs-11-ene-28-oic acid lactone; 3β-Acetoxy-urs-11-en-28,13-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 -Acetoxy-urs-11-en-28,13 β -olide exhibits significant protein tyrosine phosphatase 1B (PTP1B) inhibitory activity, it is a mixed-type PTP1B inhibitor.^[1]

3 β -Acetoxy-urs-11-en-28,13 β -olide exhibits weak-moderate antiproliferative activity against the A2780 human ovarian cancer cell line.^[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] Li D, Li W, Higai K, *et al. J. Nat. Med.*,2014,68(2):427-31.

[2] Topçu G, Yapar G, Türkmen Z, *et al. Phytochem. Lett.*,2011,4(4):421-5.

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