



ent-3-Oxokaurane-16,17-diol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: ent-3-Oxokaurane-16,17-diol

Catalog No.: CFN99423

Cas No.: 135683-73-7

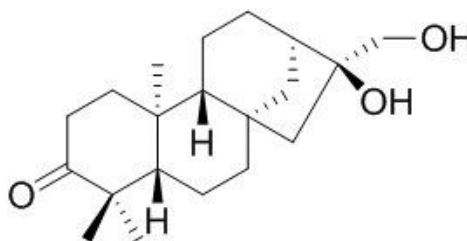
Purity: > 95%

M.F: C₂₀H₃₂O₃

M.W: 320.5

Physical Description: Powder

Synonyms: (5β,8α,9β,10α,13α)-16,17-Dihydroxykauran-3-one.



[Intended Use]

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

[Source]

The herbs of *Croton laevigatus*.

[Biological Activity or Inhibitors]

Kaurane-3,16,17-triol, ent-kaurane-3-oxo-16α,17-diol, and ent-16α,17-dihydroxyatisan-

3-one are three kinds of toxic diterpenoids isolated from the roots of genus Euphorbia.^[1]

[Solvent]

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

[HPLC Method]^[1]

HPLC-ELSD:

Mobile phase: Methanol -H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

Drift tube temperature: 65 °C.

[Storage]

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

[References]

[1] Tang Y P, Wu Q C, Ding A W, *et al. Proceedings of the 9th China Symposium on Natural Drug Resources*, 2010.

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