

## ent-kaurane-3,16,17-triol Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** ent-kaurane-3,16,17-triol

**Catalog No.:** CFN99398

**Cas No.:** 130855-22-0

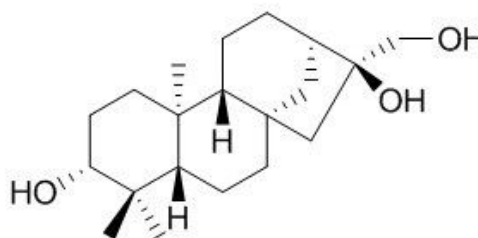
**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>34</sub>O<sub>3</sub>

**M.W:** 322.5

**Physical Description:** Powder

**Synonyms:** (3 $\alpha$ ,5 $\beta$ ,8 $\alpha$ ,9 $\beta$ ,10 $\alpha$ ,13 $\alpha$ )-Kaurane-3,16,17-triol; Kaurane-3,16,17-triol.



### [ 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-16 $\alpha$ ,17-diol, and ent-16 $\alpha$ ,17-dihydroxyatisan-

3-one are three kinds of toxic diterpenoids isolated from the roots of genus Euphorbia.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[1]</sup>**

HPLC-ELSD:

Mobile phase: Methanol -H<sub>2</sub>O, 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.*

## **[ Contact ]**

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