



## Cycloart-25-ene-3,24-diol Datasheet

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

### [ Product Information ]

**Name:** Cycloart-25-ene-3,24-diol

**Catalog No.:** CFN99054

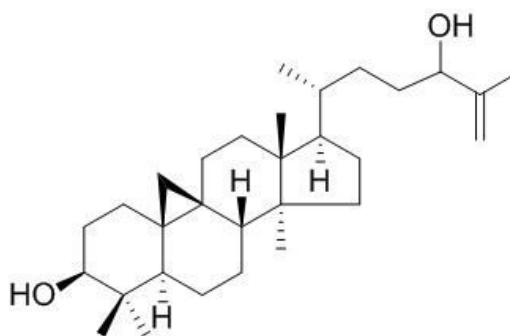
**Cas No.:** 10388-48-4

**Purity:** > 95%

**M.F:** C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>

**M.W:** 442.7

**Physical Description:** Powder



**Synonyms:** (9 $\beta$ )-9,19-Cyclo-5 $\alpha$ -lanost-25-ene-3 $\beta$ ,24-diol; 25-Cycloartene-3,24-diol;

9,19-Cyclo-5 $\alpha$ -lanost-25-ene-3 $\beta$ ,24-diol; 9 $\beta$ ,19-Cyclolanost-25-ene-3 $\beta$ ,24-diol;

Cycloart-25-ene-3 $\beta$ ,24-diol.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Euphorbia segetalis*.

## **[ Biological Activity or Inhibitors ]**

(24R)-Cycloart-25-ene-3 $\beta$ ,24-diol exhibits inhibitory effects on both Epstein-Barr virus early antigen (EBV-EA) and (+/-)-(E)-methtyl-2-[(E)-hydroxyimino]-5-nitro-6-methoxy-3-hexemide (NOR 1) activation, it may be an anti-tumor promoter.<sup>[1]</sup>

## **[ 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] Kikuchi T, Akihisa T, Tokuda H, *et al. J. Nat. Prod.*, 2007 Jun; 70(6):918-22.

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