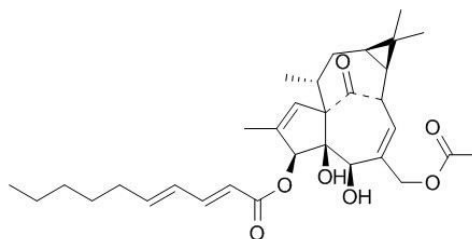


## 3-O-(2'E ,4'E-decadienoyl)-20-O-acetylingenol Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)**[ Product Information ]****Name:** 3-O-(2'E ,4'E-decadienoyl)-20-O-acetylingenol**Catalog No.:** CFN92865**Cas No.:** 466663-12-7**Purity:** >=95%**M.F:** C<sub>32</sub>H<sub>44</sub>O<sub>7</sub>**M.W:** 540.7**Physical Description:** Powder**Synonyms:** (2E,4E)-2,4-Decadienoic acid (1aR,2S,5R,5aS,6S,8aS,9R,10aR)-4-[(acetyloxy)methyl]-1a,2,5,5a,6,9,10,10a-octahydro-5,5a-dihydroxy-1,1,7,9-tetramethyl-11-oxo-1H-2,8a-methanocyclopenta[a]cyclopropa[e]cyclodecen-6-yl ester.**[ Intended Use ]**

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

**[ Source ]**The roots of *Euphorbia kansui* T. N. Liou ex S. B. Ho.

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

3-O-(2'E,4'E-decadienoyl)-20-O-acetylingenol has strong cytotoxicity against human normal cell lines L-O2 and GES-1 with dose-dependent relationships.<sup>[1]</sup>

## **[ Solvent ]**

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

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

Mobile phase: Petroleum ether- Ethyl acetate, gradient elution ;

Flow rate: 15 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 266 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Zhang L, Gao L, Li Z, *et al. Int. J. Mol. Sci.*, 2012, 13(9):11247-59.

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