

3-Oxotirucalla-7,24-dien-21-oic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 3-Oxotirucalla-7,24-dien-21-oic acid

Catalog No.: CFN97609

Cas No.: 82464-35-5

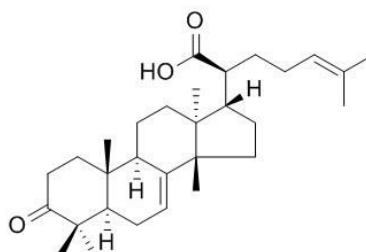
Purity: > 95%

M.F: C₃₀H₄₆O₃

M.W: 454.69

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The leaves of *Rubus alceaefolius*.

[Biological Activity or Inhibitors]

3-Oxotirucalla-7,24-dien-21-oic-acid and flindissol, isolated from the dichloromethane

extract of the stem of *Luvunga scandens* (Roxb.), show potent cytotoxicity against MCF-7 cell line with IC50 values of 27.5 μ M and 13.8 μ M, respectively; suggests their potential activity as antitumor agents.^[1]

3-Oxotirucalla-7,24-dien-21-oic acid has antiviral activity.^[2]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol- Ethyl acetate, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 204 nm.

[Storage]

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

[References]

[1] Al-Zikri P N H, Taher M, Susanti D, *et al. Rev. Bras. Farmacogn.*, 2014, 2(5):561- 4.

[2] Chattopadhyay D, Naik T N. *Mini Rev. Med.Chem.*, 2007, 7(3):275-301.

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