

Anwuweizonic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Anwuweizonic acid

Catalog No.: CFN92727

Cas No.: 117020-59-4

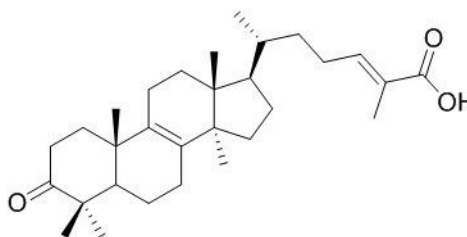
Purity: >95%

M.F: C₃₀H₄₆O₃

M.W: 454.7

Physical Description: Powder

Synonyms: (24Z)-3-Oxo-lanosta-8,24-dien-26-oic acid.



[Intended Use]

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

[Source]

The herbs of *Kadsura coccinea*.

[Biological Activity or Inhibitors]

Anwuweizonic acid, isolated from the resin of *S. terebinthifolius*, may have inhibitory

effects on 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced inflammation in mice.^[1]

Mixture of coccinic acid and anwuweizonic acid has antifertility activity, shows significant inhibitory activity against human decidual cells and rat luteal cells in vitro.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile-H₂O=95:5 ;

Flow rate: 3.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Nobushi Y, Matsushita T, Oikawa N, *et al. Japanese Journal of Pharmacognosy*, 2014, 68:93-4.

[2] Chen Y G, Lin Z W, Lin C, *et al. Chinese Journal of Modern Applied Pharmacy*, 2002, 19(2):103-5.

[3] Li H X, Jie F, Wen H, *et al. J. Tradit. Comple. Med.*, 2012, 2(2):154-7.

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