

3,23-Dioxo-9,19-cyclolanost-24-en-26-oic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 3,23-Dioxo-9,19-cyclolanost-24-en-26-oic acid

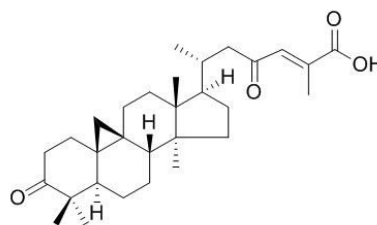
Catalog No.: CFN97432

Cas No.: 870456-88-5

Purity: > 95%

M.F: C₃₀H₄₄O₄

M.W: 468.7



Physical Description: Powder

Synonyms: (24E)-3,23-Dioxo-9,19-cyclolanost-24-en-26-oic acid.

[Intended Use]

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

[Source]

The roots of *Pseudolarix kaempferi*.

[Biological Activity or Inhibitors]

3,23-Dioxo-9,19-cyclolanost-24-en-26-oic acid inhibits the MRCK α kinase with Kd50 of

3.0 μM , it also inhibits the MRCK β kinase with K_{d50} of 3.2 μM ; the role of Kinases in cancer onset and progression has made kinases a target for the control of some cancers, suggests that it may possess anticancer activity.^[1]

[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] Lowe H I C, Toyang N J, Watson C, *et al. Cancer Res.*, 2014, 74(19):1754-1754.

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