

Ocotillone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Ocotillone

Catalog No.: CFN98221

Cas No.: 22549-21-9

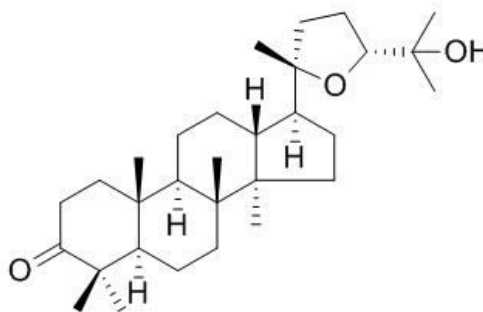
Purity: > 95%

M.F: C₃₀H₅₀O₃

M.W: 458.7

Physical Description: Cryst.

Synonyms: (20R,24S)-20,24-Epoxy-25-hydroxydammaran-3-one.



[Intended Use]

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

[Source]

The barks of *Ailanthus altissima*.

[Biological Activity or Inhibitors]

Ocotillone has potent antibacterial activity against Gram-negative bacteria, *P. aeruginosa*

and *S. typhimurium*, that are without hemolytic activity, whereas it has weak antimicrobial activity against Gram-positive bacteria and fungi.^[1]

Ocotillone shows only weak inhibitory activity against MCF-7 and NCI-H460 cells but moderate activity against A375-C5 cells.^[2]

[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] Lee DG, Chang YS, Park Y, et al. *J. Microbial. Biotechnol.*,2002,12(5):854-7.

[2] Casal C M, Choosang K, Severino V G, et al. *Anticancer Agents Med. Chem.*,2010 Dec;10(10):769-76.

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