[ Product Information ]

Name: Cedrelone

Catalog No.: CFN99368

Cas No.: 1254-85-9

Purity: > 95%

M.F: C_{26}H_{30}O_{5}

M.W: 422.5

Physical Description: Powder

Synonyms: 14,15,21,23-Diepoxy-6-hydroxy-4,4,8-trimethyl-24-nor-chola-1,5,20,22-tetraene-3,7-dione.

[ Intended Use ]

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

[ Source ]

The barks of Cedrela toona.
**[Biological Activity or Inhibitors]**

Cedrelone exhibits antifeedant activity.[1]

Cedrelone and its derivatives exert antimicrobial activities; bromohydroxy cedrelone and Michael adduct show good antifungal activity.[2]

Cedrelone and dysobinin show significant cytotoxicity against cancer cell lines, such as -60, SMMC-7721, A-549, MCF-7 and SW480. [3]

Cedrelone is a very potent inducers of apoptosis, it can cause cell cycle arrest.[4]

Cedrelone has insecticidal activity, it inhibits arval growth of P. saucia, and the molting of the milkweed bug, Oncopeltus fasciatus.[5]

**[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]**


[ Contact ]

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