



5,8-Epidioxyergosta-6,9(11),22-trien-3-ol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 5,8-Epidioxyergosta-6,9(11),22-trien-3-ol

Catalog No.: CFN93118

Cas No.: 86363-50-0

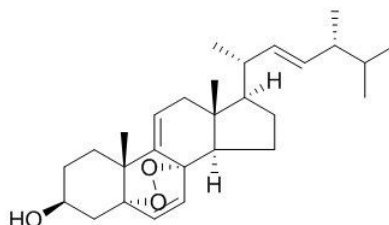
Purity: >=98%

M.F: C₂₈H₄₂O₃

M.W: 426.63

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The fruitbody of *Ganoderma lucidum*.

[Biological Activity or Inhibitors]

5 α ,8 α -Epidioxyergosta-6,9(11),22-trien-3 β -ol, isolated from the ethyl acetate soluble

fraction of whole plant of *Grewia tenax*, shows antimicrobial activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile- H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 310 nm.

[Storage]

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

[References]

[1] Sinachopoulos A. *Journal Chemical Society of Pakistan*, 2011, 33(5):676-81.

[2] Ayers S, Ehrmann B M, Adcock A F, *et al. Tetrahedron Lett.*, 2011, 52(44):5733-5.

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