

Delta 5-avenasterol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Delta 5-avenasterol

Catalog No.: CFN92239

Cas No.: 18472-36-1

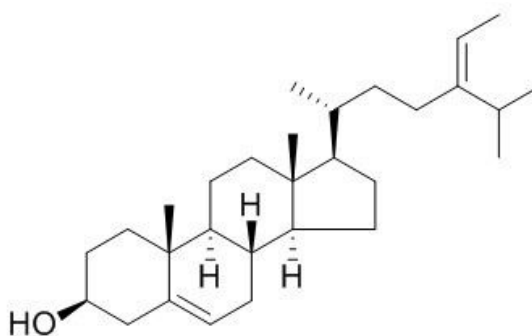
Purity: > 98%

M.F: C₂₉H₄₈O

M.W: 412.7

Physical Description: Cryst.

Synonyms: Stigmasta-5,24(28)-dien-3-ol, (3beta)-; Δ⁵-Avenasterol.



[Intended Use]

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

[Source]

The seeds of *Nigella sativa* L.

[Biological Activity or Inhibitors]

Delta-5-avenasterol is a kind of phytosterols in the seeds of Aleppo pine (*Pinus halepensis* Mill.) cultivated in Jordan, may contribute to a healthy heart diet.^[1]

Delta 5-avenasterol has antioxidant activity.^[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] Korteweg A, Biemans J, Bollmann, *et al. Riv. Ital. Delle. Sostanze Gr.*, 2011, 90(2): 87-93.

[2] Williamson, E. *University of Reading*, 1988.

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