



Stigmastane-3,6-dione Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Stigmastane-3,6-dione

Catalog No.: CFN98206

Cas No.: 22149-69-5

Purity: > 95%

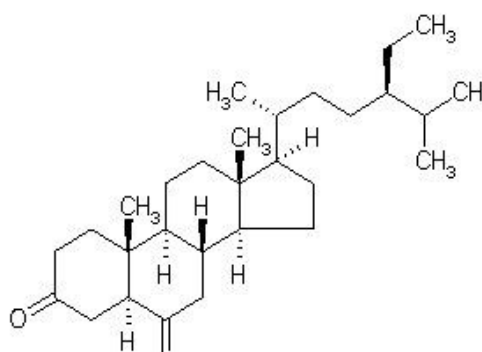
M.F: C₂₉H₄₈O₂

M.W: 428.7

Physical Description: Cryst.

Synonyms: 5a-Stigmastane-3,6-dione(8Cl); (24R)-5a-Stigmastan-3,6-dione;

5a-Stigmast-3,6-dione.



[Intended Use]

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

[Source]

The root of *Astragalus hoantchy*.

[Biological Activity or Inhibitors]

Stigmastane-3,6-dione has anti-inflammatory activity.^[1]

5 alpha-Stigmastane-3,6-dione shows antifeedant activity against bell weevils.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase:Acetonitrile-H₂O gradient elute;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: ELSD

[Storage]

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

[References]

[1] Okoye F, Osadebe P O, Esimone C O, *et al. Planta Med.*, 2008, 74(9):983-4.

[2] Miles D H, Tunsuwan K, Chittawong V, *et al. J. Agric.Food Chem.*,1994, 42(7):1561-2.

[3] Lim J C, Park J H, Budesinsky M, *et al.Chem. Pharm. Bull.*, 2005, 53(5):561-4.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com