

Sitoindoside I Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Sitoindoside I

Catalog No.: CFN99866

Cas No.: 18749-71-8

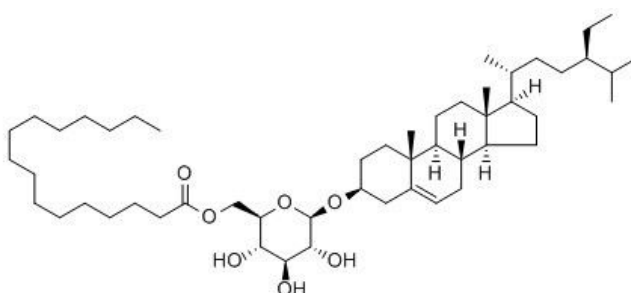
Purity: > 95%

M.F: C₅₁H₉₀O₇

M.W: 815.3

Physical Description: Powder

Synonyms: (3β)-Stigmast-5-en-3-yl 6-O-palmitoyl-β-D-glucopyranoside.



[Intended Use]

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

[Source]

The herbs of *Woodwardia orientalis*.

[Biological Activity or Inhibitors]

Sitoindoside-I, sitoindoside-II, sitoindoside-III and sitoindoside-IV possess antiulcerogenic

activity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 0.1% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Ghosal S. *Phytochem.*, 1985, 24(8):1807-10.

[2] Alali F Q, Amrine C S M, El-Elmat T, *et al. Phytochem. Lett.*, 2014, 9(1):96-101.

[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