

Solamarine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Solamarine

Catalog No.: CFN93102

Cas No.: 20318-30-3

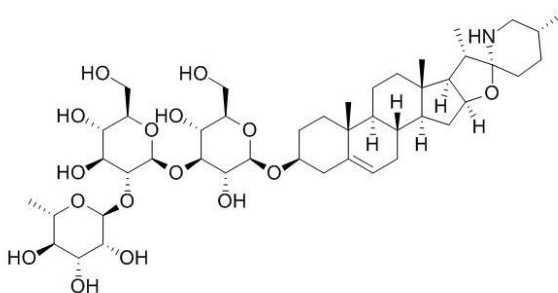
Purity: >=98%

M.F: C₄₅H₇₃NO₁₆

M.W: 884.1

Physical Description: Powder

Synonyms: b-D-Galactopyranoside, (3b,22b,25S)-spirosol-5-en-3-yl-O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[b-D-glucopyranosyl-(1→3)]-; α -Solamarine.



[Intended Use]

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

[Source]

The herbs of *Solanum nigrum* L.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase:Acetonitrile-1%Phosphoric acid H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 205 nm.

[Storage]

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

[References]

[1] Yuan H J, Chen Y G, Cai B C, *et al. China Journal of Chinese Materia Medica*, 2011, 36(12):1630-2.

[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