

Beta-Solamarine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Beta-Solamarine

Catalog No.: CFN90552

Cas No.: 3671-38-3

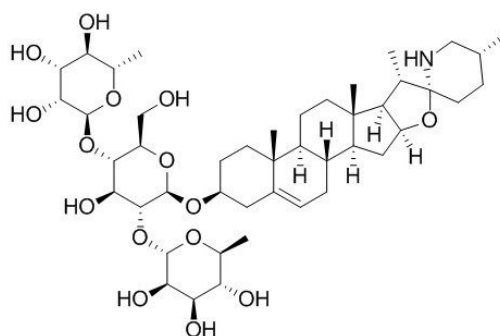
Purity: > 98%

M.F: C₄₅H₇₃NO₁₅

M.W: 868.07

Physical Description: Powder

Synonyms: (3β,25S)-spirosol-5-en-3-yl-6-deoxyhexopyranosyl-(1→2)-[6-deoxyhexopyranosyl-(1→4)]hexopyranoside.



[Intended Use]

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

[Source]

The roots of *Solanum dulcamara* L.

[Biological Activity or Inhibitors]

beta-Solamarine shows tumor-inhibitory activity against Sarcoma 180 in mice.^[1]

beta-Solamarine inhibits the growth of E. coli and S. Aureus.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Kupchan S M, Barboutis S J, Knox J R. *Science*, 1965, 150(3705):1827-8.

[2] Kumar P, Sharma B, Bakshi N. *Nat. Prod.Res.*, 2009, 23(8):719-23.

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