

Diosgenin glucoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Diosgenin glucoside

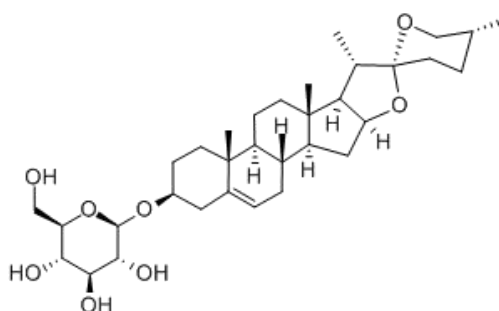
Catalog No.: CFN99760

Cas No.: 14144-06-0

Purity: >=98%

M.F: C₃₃H₅₂O₈

M.W: 576.76



Physical Description: White powder

Synonyms: (25R)-spirost-5-en-3-yl-beta-D-glucopyranoside;

(3beta,25R)-spirost-5-en-3-yl-beta-D-glucopyranoside; Diosgenin-B-D-glucoside.

[Intended Use]

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

[Source]

The roots of *Trillium tschonoskii* Maxim.

[Biological Activity or Inhibitors]

Diosgenin glucoside is well tolerated for glucoside, it and other synthetic glycosides with similar activities may be of use in the management of hypercholesterolemia and atherosclerosis. [1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method] [2]

Mobile phase: Acetonitrile- H₂O=90:10 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Malinow M R, Elliott W H, Mclaughlin P, *et al. J.Lipid Res.*, 1987, 28(1):1-9.

[2] Warke V B, Deshmukh T A, Patil V R. *Asian Journal of Pharmaceutical & Clinical Research*, 2011, 4:126-8.

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