

Soyasaponin IV Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Soyasaponin IV

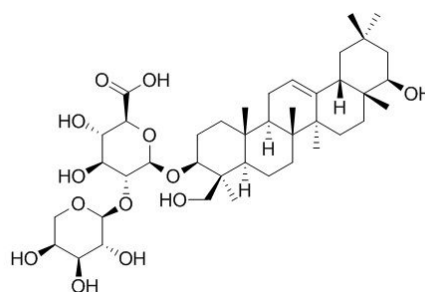
Catalog No.: CFN93251

Cas No.: 108906-97-4

Purity: > 95%

M.F: C₄₁H₆₆O₁₃

M.W: 767.0



Physical Description: Powder

Synonyms: b-D-Glucopyranosiduronic acid, (3b,4b,22b)-22,23-dihydroxyolean-12-en-3-yl 2-O-a-L-arabinopyranosyl-.

[Intended Use]

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

[Source]

The seeds of *Glycine max*.

[Biological Activity or Inhibitors]

Soyasaponin IV has hepatoprotective activity.^[1]

Soyasaponin IV has antimutagenic activity in mammalian cells.^[2]

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Acetonitrile- H₂O-Trifluoroacetic acid=42:38:0.05 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 274 nm.

[Storage]

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

[References]

[1] Kinjo J, Imagire M, Udayama M, *et al. Planta Med.*, 1998, 64(3):233-6.

[2] Berhow M A, Wagner E D, Vaughn S F, *et al. Mut. Res.*, 2000, 448(1):11-22.

[3] Kudou S, Tonomura M, Tsukamoto C, *et al. Biosci. Biotech. Bioch.*, 1993, 57(4):
546-50.

[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