

Isoastragaloside I Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isoastragaloside I

Catalog No.: CFN90977

Cas No.: 84676-88-0

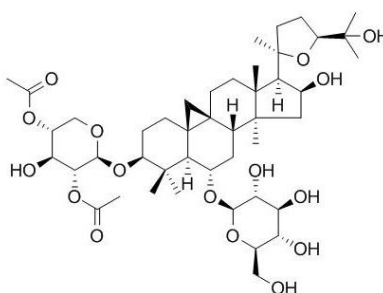
Purity: >=98%

M.F: C₄₅H₇₂O₁₆

M.W: 869.1

Physical Description: Powder

Synonyms: (3β,6α,16β,20R,24S)-3-[(2,4-Di-O-acetyl-β-D-xylopyranosyl)oxy]-20,24-epoxy-16,25-dihydroxy-9,19-cyclolanostan-6-yl β-D-glucopyranoside.



[Intended Use]

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

[Source]

The roots of *Astragalus membranaceus*.

[Biological Activity or Inhibitors]

Isoastragaloside I may be promising in modulating CCl₄-induced lethality and most of its toxic effects.^[1]

Astragaloside II and Isoastragaloside I are sufficient to ameliorate insulin resistance, they may provide the lead as a novel class of therapeutics for obesity-related diseases.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

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

Flow rate: 0.4 ml/min;

Column temperature: 25 °C;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Darwish F A. *J. Med. Sci.*, 2002, 2(3):119-23.

[2] Xu A, Wang H, Hoo R L, *et al. Endocrinology*, 2008, 150(2):625-33.

[3] Zhang J, Tang Y N, Chen T, *et al. China Pharmacy*, 2014, 25(31):2921-3.

[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