

Isoschaftoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isoschaftoside

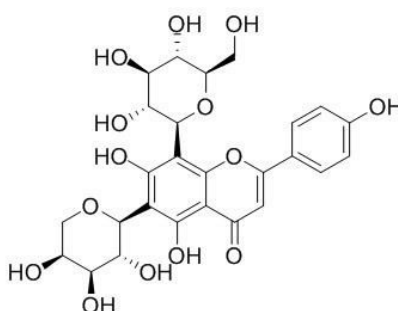
Catalog No.: CFN92029

Cas No.: 52012-29-0

Purity: > 95%

M.F: C₂₆H₂₈O₁₄

M.W: 564.5



Physical Description: Yellow powder

Synonyms: 6-C-alpha-L-Arabinosyl-8-C-beta-D-glucosylapigenin;

Apigenin 6-C-alpha-L-arabinopyranoside-8-C-beta-D-glucopyranoside.

[Intended Use]

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

[Source]

The herbs of *Desmodium styracifolium* (Osh.) Merr.

[Biological Activity or Inhibitors]

Isoschaftoside can significantly decrease the renal Na⁺, K⁺-ATPase activity at the highest concentration as well as at a lower concentration, suggests that isoschaftoside is a promising compound for the treatment of hypertension.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.025 M Phosphoric acid H₂O=12:88;

Flow rate: 0.9 ml/min;

Column temperature: 30 °C;

The wave length of determination: 270 nm.

[Storage]

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

[References]

[1] Gomes A C C, Sampaio L D S, Silva P A D, *et al. Química Nova*, 2014, 37(10):1606-9.

[2] Du S S, Lei N, Wu M, *et al. Chinese Pharmaceutical Journal*, 2005,39(1):21-2.

[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