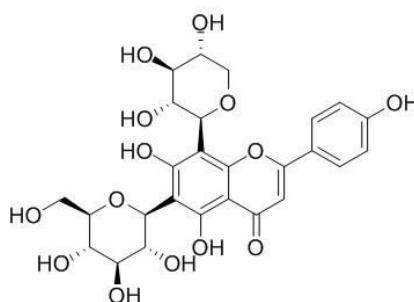


Vicenin -3 Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Vicenin -3**Catalog No.:** CFN92032**Cas No.:** 59914-91-9**Purity:** > 95%**M.F:** C₂₆H₂₈O₁₄**M.W:** 564.5**Physical Description:** Yellow powder**Synonyms:** 6-beta-D-Glucopyranosyl-8-beta-D-xylopyranosylapigenin; 6-C-Glucosyl-8-C-xylosylapigenin.**[Intended Use]**

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

[Source]The herbs of *Chrysanthemi indic* L.**[Biological Activity or Inhibitors]**

Tulsi and its flavonoids orientin and vicenin possess radioprotective effects.^[1]

Orientin and vicenin can protect against foetal irradiation-induced genomic damage and instability, thereby reducing the delayed chromosomal abnormalities and tumorigenesis in adult.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: 0.1% Aqueous formic acid- Methanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 272 nm.

[Storage]

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

[References]

[1] Rao S, Jayachander D, Thilakchand K R, *et al. Polyphenols in Human Health & Disease, 2013:1367-71.*

[2] Uma D P, Satyamitra M. *Int. J. Radiat. Biol., 2004, 80(9):653-62.*

[3] Zhou Z L, Xiao F, Yang J, *et al. West China Journal of Pharmaceutical Sciences, 2013, 28(6).*

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

China

Tech Support: service@chemfaces.com