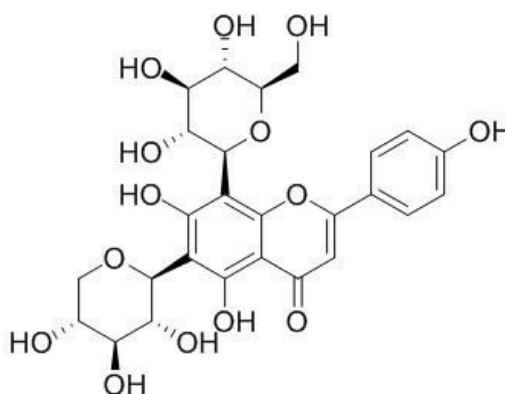


Vicenin -1 Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Vicenin -1**Catalog No.:** CFN92030**Cas No.:** 35927-38-9**Purity:** > 98%**M.F:** C₂₆H₂₈O₁₄**M.W:** 564.5**Physical Description:** Yellow powder**Synonyms:** 8-Glucopyranosyl-6-xylopyranosylapigenin; 8-beta-D-Glucopyranosyl-5,7-dihydroxy-2-(4-hydroxyphenyl)-6beta-D-xylopyranosyl-4H-1-benzopyran-4-one.**[Intended Use]**

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

[Source]The herbs of *Vitex negundo* L.

[Biological Activity or Inhibitors]

Vicenin-1, a flavonol glycoside, has potent platelet aggregation inhibition, antioxidant, radioprotectants and anti-inflammatory activities. ^[1]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[1]

Mobile phase: Acetonitrile-H₂O=25:75 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Kandhare A D, Bodhankar S L, Mohan V, *et al. Pharm. Biol.*, 2016,14,5:1-9.

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