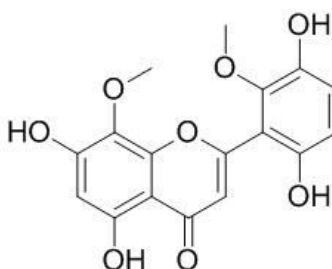


Viscidulin III Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Viscidulin III**Catalog No.:** CFN97488**Cas No.:** 92519-91-0**Purity:** > 95%**M.F:** C₁₇H₁₄O₈**M.W:** 346.29**Physical Description:** Yellow powder**Synonyms:** 5,7,3',6'-Tetrahydroxy-8,2'-dimethoxyflavone;

2-(3,6-Dihydroxy-2-methoxyphenyl)-5,7-dihydroxy-8-methoxy-4H-chromen-4-one.

[Intended Use]

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

[Source]The roots of *Scutellaria viscidula* Bge.**[Biological Activity or Inhibitors]**

viscidulin III inhibits the proliferation of HL-60 with IC50 of 17.4 microM.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Sonoda M, Nishiyama T, Matsukawa Y, *et al. J. Ethnopharmacol.*, 2004, 91(1):65-8.

[2] Ma D, Peng S, Han L F, *et al. Journal of Shenyang Pharmaceutical University*, 2014(5):355-9.

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