

## Viscidulin II Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

### [ Product Information ]

**Name:** Viscidulin II

**Catalog No.:** CFN92214

**Cas No.:** 92519-93-2

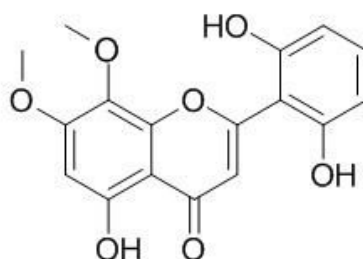
**Purity:** > 95%

**M.F:** C<sub>17</sub>H<sub>14</sub>O<sub>7</sub>

**M.W:** 330.3

**Physical Description:** Yellow powder

**Synonyms:** 5,2',6'-Trihydroxy-7,8-dimethoxyflavone.



### [ 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 II can significantly suppress P. acnes-induced IL-8 and IL-1 $\beta$  production in

THP-1 cells, concomitant intradermal injection of viscidulin II with *P. acnes* can effectively attenuate *P. acnes*-induced ear swelling, and decrease the production of IL-6 and tumor necrosis factor- $\alpha$  in ear homogenates; suggests that it can be potential therapeutic agents against *P. acnes*-induced skin inflammation.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Methanol -H<sub>2</sub>O-Acetic acid=50:50:0.2 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 275 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Tsai P J, Huang W C, Hsieh M C, *et al. Molecules*, 2015, 21(1):E15.

[2] Yang L X, Liu D, Feng X F, *et al. China Journal of Chinese Materia Medica*, 2002, 27(3):166-70.

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