

## Stigmastane-3,6-diol Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** Stigmastane-3,6-diol

**Catalog No.:** CFN99220

**Cas No.:** 112244-29-8

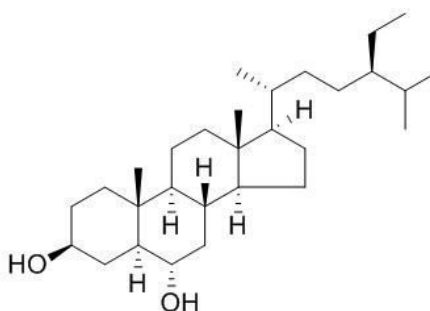
**Purity:** > 95%

**M.F:** C<sub>29</sub>H<sub>52</sub>O<sub>2</sub>

**M.W:** 432.7

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The fruits of *Trichosanthes kirilowii*.

### [ Biological Activity or Inhibitors ]

Stigmastane-3 beta, 6 alpha-diol and stigmastane-3 beta, 6 beta-diol possess marked

inhibitory activity against 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced inflammation in mice, the 50% inhibitory dose is 0.5--1.0 mg/ear.<sup>[1]</sup>

### **[ Solvent ]**

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

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

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

### **[ References ]**

[1] Kimura Y, Yasukawa K, Takido M, *et al. Biol. Pharm. Bull.*, 1995 Nov;18(11):1617-9.

### **[ Contact ]**

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