

Militarine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Militarine

Catalog No.: CFN90409

Cas No.: 17388-39-5

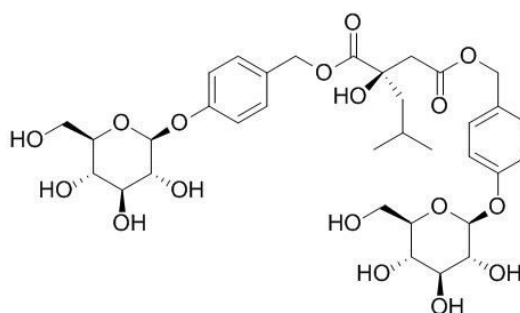
Purity: >=98%

M.F: C₃₄H₄₆O₁₇

M.W: 726.73

Physical Description: Powder

Synonyms: bis[4-(beta-D-glucopyranosyloxy)benzyl](2R)-2-hydroxy-2-(2-methylpropyl)butanedioate.



[Intended Use]

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

[Source]

The tubers of *Bletilla striata* (Thunb.) Reichb.f.

[Biological Activity or Inhibitors]

Militarine exhibits plant growth-inhibitory activity against a weed-suppressing orchid and *Bletilla striata*.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 224 nm.

[Storage]

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

[References]

[1] Sakuno E, Kamo T, Takemura T, *et al. Weed Biol. Manag.*, 2010, 10(3):202-7.

[2] Cui B S, Song J, Li S, *et al. Zhongguo Zhong Yao Za Zhi.* 2013, 38(24):4347-50.

[Contact]

Address:

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

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com