

## Taccalonolide B Datasheet

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

### [ Product Information ]

**Name:** Taccalonolide B

**Catalog No.:** CFN90602

**Cas No.:** 108885-69-4

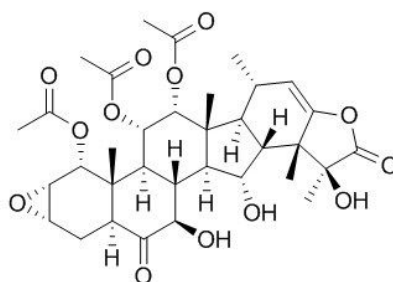
**Purity:** > 98%

**M.F:** C<sub>34</sub>H<sub>44</sub>O<sub>13</sub>

**M.W:** 660.71

**Physical Description:** Powder

**Synonyms:** (1 $\alpha$ ,2 $\alpha$ ,3 $\alpha$ ,5 $\alpha$ ,7 $\beta$ ,11 $\alpha$ ,12 $\alpha$ ,15 $\alpha$ ,16 $\beta$ ,24 $\beta$ ,25S)-1,11,12-Tris(acetyloxy)-2,3-epoxy-7,15,23,25-tetrahydroxy-6-oxo-16,24-cycloergost-22-en-26-oic acid gamma-lactone.



### [ Intended Use ]

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

### [ Source ]

The rhizomes of *Schizocapsa plantaginea* Hance.

## **[ Biological Activity or Inhibitors ]**

Several taccalonolides, isolated from *Tacca leontopetaloides*, have in vitro antitrypanosomal activity against *Trypanosoma brucei brucei* and EC<sub>50</sub> values for the isolated compounds were from 0.79 ug/mL.<sup>[1]</sup>

Taccalonolide B displays microtubule stabilizing activity.<sup>[2]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

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

## **[ References ]**

[1] Dike V T, Vihii B, Bosh J A, *et al. Phytochem. Analysis*, 2016, 27(3-4):217-21.

[2] Peng J, Risinger A L, Fest G A, *et al. J. Med. Chem.*, 2011, 54(17):6117-24.

## **[ Contact ]**

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