

## Taxinine B Datasheet

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

### [ Product Information ]

**Name:** Taxinine B

**Catalog No.:** CFN99855

**Cas No.:** 18457-44-8

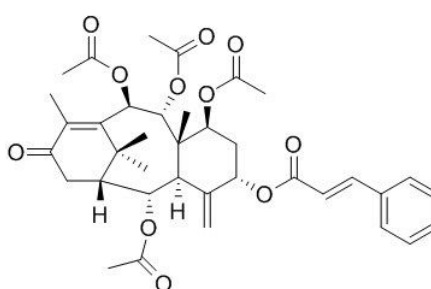
**Purity:** > 95%

**M.F:** C<sub>37</sub>H<sub>44</sub>O<sub>11</sub>

**M.W:** 664.8

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The barks of *Taxus chinensis*.

### [ Biological Activity or Inhibitors ]

Taxinine and taxinine B can inhibit the drug transport by P-glycoprotein in

multidrug-resistant cells.<sup>[1]</sup>

Taxinine B shows stronger inhibitory effects than acetylsalicylic acid (ASA) on platelet aggregation induced by arachidonic acid (AA).<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] Morita H, Wei L, Gonda A, *et al. Tetrahedron*, 1997, 53(13):4621-6.

[2] Sun Y K, Yun-Choi H S. *Thromb. Res.*, 2010, 125(6):e281-4.

### **[ Contact ]**

**Address:**

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

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)