

## Neritaloside Datasheet

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

### [ Product Information ]

**Name:** Neritaloside

**Catalog No.:** CFN98691

**Cas No.:** 465-13-4

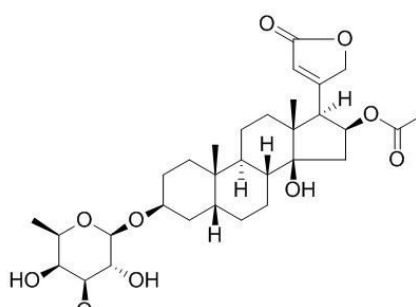
**Purity:** > 95%

**M.F:** C<sub>32</sub>H<sub>48</sub>O<sub>10</sub>

**M.W:** 592.7

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The herbs of *Nerium indicum* Mill.

### [ Biological Activity or Inhibitors ]

Neritaloside has excellent antioxidant/free radical scavenging activity.<sup>[1]</sup>

Neritaloside is a cardiac glycoside.<sup>[2]</sup>

### **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

HPLC-MS:

Mobile phase: 0.1% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

Collision energy :15eV;

Target gas : N<sub>2</sub>;

Pressure of gas : 6 mTorr.

### **[ Storage ]**

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

### **[ References ]**

[1] Tirumalasetti J, Patel M, Shaikh U, *et al. Indian J.Pharmacol.*, 1900, 47(4):409-13.

[2] Wang X, Plomley J B, Newman R A, *et al. Ana. Chem.*, 2000, 72(15):3547-52.

### **[ 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)