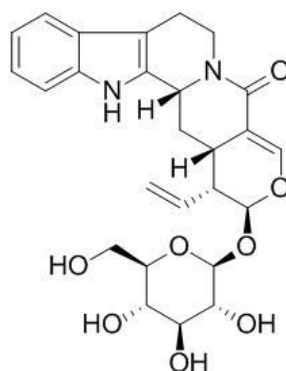


## Vincosamide Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Vincosamide**Catalog No.:** CFN98238**Cas No.:** 23141-27-7**Purity:** > 95%**M.F:** C<sub>26</sub>H<sub>30</sub>N<sub>2</sub>O<sub>8</sub>**M.W:** 498.5**Physical Description:** Powder**Synonyms:** (3 $\beta$ , 15 $\beta$ , 16 $\alpha$ , 17 $\beta$ )-21-Oxo-16-vinyl-19,20-didehydro-18-oxayohimban-17-yl  $\beta$ -D-glucopyranoside.**[ Intended Use ]**

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

**[ Source ]**The herbs of *Vincoside lactam*.**[ Biological Activity or Inhibitors ]**

Vincosamide can effect relaxation of the supercoiled pBR322 plasmid DNA in the presence of Cu<sup>2+</sup>.<sup>[1]</sup>

### **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

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

Flow rate: 0.4 ml/min;

Column temperature: 40°C;

The wave length of determination: 226 nm.

### **[ Storage ]**

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

### **[ References ]**

[1] Wu M, Wu P, Xie H, *et al. Planta Med.*, 2011 Feb; 77(3):284-6.

[2] Chen J, Xu G F, Wang H, *et al. Journal of China Pharmaceutical University*, 2014, 45 (4):434-7.

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