

## Strictosidine Datasheet

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

### [ Product Information ]

**Name:** Strictosidine

**Catalog No.:** CFN90499

**Cas No.:** 20824-29-7

**Purity:** >=98%

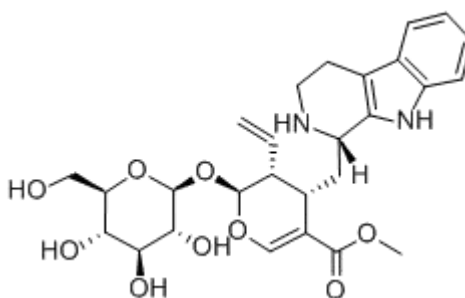
**M.F:** C<sub>27</sub>H<sub>34</sub>N<sub>2</sub>O<sub>9</sub>

**M.W:** 530.57

**Physical Description:** Powder

**Synonyms:** 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane;1,8-Cineole;Eucalyptol;

1,8-Epoxy-p-menthane;1,8-Oxido-p-menthane.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Catharanthus roseus*.

### [ Biological Activity or Inhibitors ]

Strictosidine has antimicrobial and antifeedant activity.<sup>[1]</sup>

Strictosidine plays an important part not only in biosynthesis of various monoterpene indole alkaloids (MIAs), but supposedly also in plant defence mechanisms.<sup>[2]</sup>

### **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

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

### **[ References ]**

[1] Luijendijk T J, Van d M E, Verpoorte R. *J. Chem. Ecol.*, 1996, 22(8):1355-66.

[2] Sudzukovic, Michaela N. *Synthesis and phytochemical analysis of strictosidine analogues*[J]. 2014.

### **[ Contact ]**

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