

## 20-Deoxocarnosol Datasheet

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

### [ Product Information ]

**Name:** 20-Deoxocarnosol

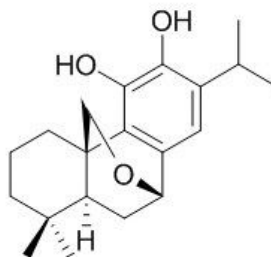
**Catalog No.:** CFN92175

**Cas No.:** 94529-97-2

**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>28</sub>O<sub>3</sub>

**M.W:** 316.4



**Physical Description:** Powder

**Synonyms:** (4aR,9S,10aS)-1,3,4,9,10,10a-Hexahydro-1,1-dimethyl-7-(1-methylethyl)-2H-9,4a-(epoxymethano)phenanthrene-5,6-diol.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Salvia yunnanensis*.

### [ Biological Activity or Inhibitors ]

20-Deoxocarnosol , the main phenolic abietane present in aerial parts of the Chilean medicinal plant, has antioxidant activity of measuring the decay of the radical cation diphenyl-picrylhydrazyl (DPPH).[<sup>1</sup>]

20-Deoxocarnosol exhibits non-specific antiprotozoal activity due to high cytotoxicity.[<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] Escuder B, Torres R, Lissi E, *et al. Nat. Prod. Lett.*, 2002, 16(4):277-81.

[2] Mothana R A, Al-Said M S, Al-Musayeib N M, *et al. Int. J. Mol. Sci.*, 2014, 15(5): 8360-71.

### **[ Contact ]**

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