

## Cabralealactone Datasheet

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

### [ Product Information ]

**Name:** Cabralealactone

**Catalog No.:** CFN98005

**Cas No.:** 19865-87-3

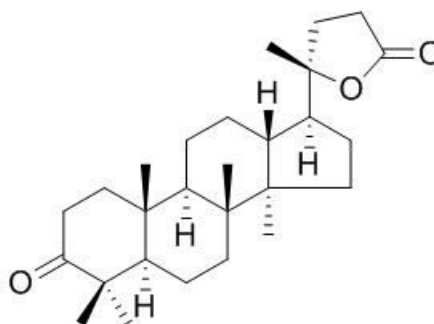
**Purity:** > 95%

**M.F:** C<sub>27</sub>H<sub>42</sub>O<sub>3</sub>

**M.W:** 414.6

**Physical Description:** Powder

**Synonyms:** (5 $\alpha$ ,17 $\beta$ )-4,4,8,10,14-Pentamethyl-17-[(2S)-2-methyl-5-oxotetrahydro-2-furanyl]gonan-3-one.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Aglaia lawii*.

### [ Biological Activity or Inhibitors ]

Cabralealactone displays antimycobacterial activity against *Mycobacterium tuberculosis*, it is weakly cytotoxic to a breast cancer (BC) cell line, it is moderately active against a small-cell lung cancer (NCI-H187) cell line.<sup>[1]</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] Phongmaykin J, Kumamoto T, Ishikawa T, *et al. Arch. Pharm. Res.*, 2008 Jan;31(1): 21-7.

### **[ Contact ]**

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