

## Pandamarilactonine A Datasheet

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

### [ Product Information ]

**Name:** Pandamarilactonine A

**Catalog No.:** CFN98380

**Cas No.:** 303008-80-2

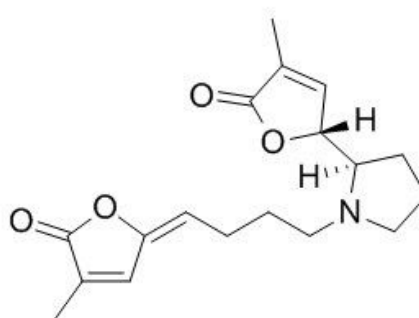
**Purity:** > 95%

**M.F:** C<sub>18</sub>H<sub>23</sub>NO<sub>4</sub>

**M.W:** 317.4

**Physical Description:** Oil

**Synonyms:** (5Z)-3-Methyl-5-(4-((2R)-2-[(2R)-4-methyl-5-oxo-2,5-dihydro-2-furanyl]-1-pyrrolidinyl)butylidene)-2(5H)-furanone.



### [ Intended Use ]

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

### [ Source ]

The barks of *Pandanus amaryllifolius*.

### [ Biological Activity or Inhibitors ]

Pandamarilactonine A has antimicrobial activity, it is active with an MIC of 15.6 ug/mL and MBC of 31.25 ug/mL against *Pseudomonas aeruginosa*.<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] Laluces H M, Nakayama A, Nonato M G, *et al. J. Appl. Pharm.Sci.,2015,5(10):151-3.*

### [ **Contact** ]

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