

## 6-Acetyl-N-methyl-dihydrodecarine Datasheet

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

### [ Product Information ]

**Name:** 6-Acetyl-N-methyl-dihydrodecarine

**Catalog No.:** CFN99367

**Cas No.:** 1253740-09-8

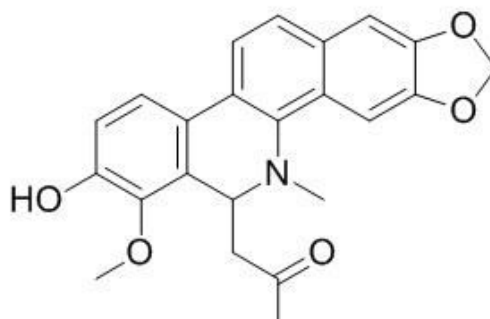
**Purity:** > 95%

**M.F:** C<sub>23</sub>H<sub>21</sub>NO<sub>5</sub>

**M.W:** 391.4

**Physical Description:** Yellow powder

**Synonyms:** 1-(2-Hydroxy-1-methoxy-12-methyl-12,13-dihydro[1,3]benzodioxolo[5,6-c]phenanthridin-13-yl)acetone.



### [ Intended Use ]

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

### [ Source ]

The fruits of *Evodia rutaecarpa*.

## **[ Biological Activity or Inhibitors ]**

6-Acetyl- N -methyl-dihydrodecarine has mosquito larvicidal activity against the malaria vector *Anopheles gambiae*.<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]Talontsi F M, Matasyoh J C, Ngoumfo R M, *et al. Pesticide Biochem. Physiol.*, 2011, 99(1):82-5.

## **[ Contact ]**

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