

# 11beta-Hydroxycedrelone Datasheet

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

## [ Product Information ]

**Name:** 11beta-Hydroxycedrelone

**Catalog No.:** CFN98345

**Cas No.:** 283174-18-5

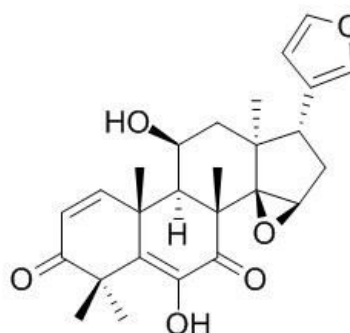
**Purity:** > 95%

**M.F:** C<sub>26</sub>H<sub>30</sub>O<sub>6</sub>

**M.W:** 438.5

**Physical Description:** Powder

**Synonyms:**



## [ Intended Use ]

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

## [ Source ]

The barks of *Walsura yunnanensis*.

## [ Biological Activity or Inhibitors ]

11 $\beta$ -Hydroxycedrelone, isolated from the twigs and leaves of *Walsura yunnanensis* C. Y. Wu, has cytotoxic activity, it exhibits moderate inhibitory activity against HL-60 cell line with the IC<sub>50</sub> values of 8.9 $\mu$ M.<sup>[1]</sup>

### [ **Solvent** ]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

### [ **HPLC Method** ]

Mobile phase: Methanol-H<sub>2</sub>O gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 278 nm.

### [ **Storage** ]

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

### [ **References** ]

[1] Li H J. *Asian. J. Chem.*, 2015, 27(6):2109-11.

### [ **Contact** ]

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