

## Platyphylline Datasheet

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

### [ Product Information ]

**Name:** Platyphylline

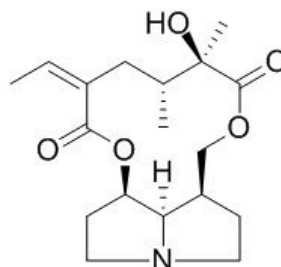
**Catalog No.:** CFN00403

**Cas No.:** 480-78-4

**Purity:** > 95%

**M.F:** C<sub>18</sub>H<sub>27</sub>NO<sub>5</sub>

**M.W:** 337.41



**Physical Description:** Cryst.

**Synonyms:** (1-alpha)-1,2-Dihydro-12-hydroxysenecionan-11,16-dione; Platiphillin;

(1beta,15Z)-12-Hydroxy-1,2-dihydrosenecionan-11,16-dione.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Senecio scandens*.

### [ Biological Activity or Inhibitors ]

Not data available.

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[1]</sup>**

Mobile phase: Acetonitrile- 15 mM Ammonia solution ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 220 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Mroczek T, Ndjoko K, Głowniak K, *et al. J. Chromatogr. A*, 2004, 1056(1-2):91-7.

## **[ Contact ]**

**Address:**

S5-3 Building, No. 111, Dongfeng Rd.,  
Wuhan Economic and Technological Development Zone,  
Wuhan, Hubei 430056,  
China

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)