

## Pterodontic acid Datasheet

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

### [ Product Information ]

**Name:** Pterodontic acid

**Catalog No.:** CFN99861

**Cas No.:** 185845-89-0

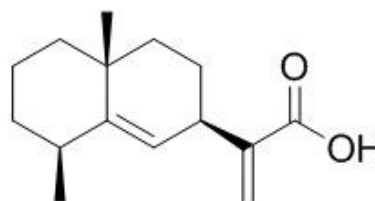
**Purity:** > 95%

**M.F:** C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>

**M.W:** 234.33

**Physical Description:** Powder

**Synonyms:** 2-[(2R,4aR,8S)-4a,8-Dimethyl-2,3,4,4a,5,6,7,8-octahydro-2-naphthalenyl]acrylic acid.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Laggera pterodonta* (DC.) Benth.

### [ Biological Activity or Inhibitors ]

Pterodonic acid possesses antibacterial activity in vitro.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

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

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 210 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Li Y, Yang G, Mei Z. *Acta Pharmaceutica Sinica B*, 2012, 2(1):53-9.

[2] Mei Z N, Yang J K, Li X K, *et al. Zhong Cao Yao* , 2007, 38(6):841-3.

## **[ Contact ]**

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