

## (-)-Ampelopsin H Datasheet

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

### [ Product Information ]

**Name:** (-)-Ampelopsin H

**Catalog No.:** CFN93787

**Cas No.:** N/A

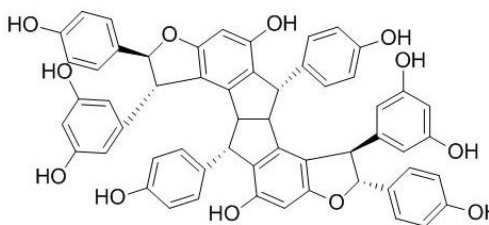
**Purity:** >=98%

**M.F:** C<sub>56</sub>H<sub>42</sub>O<sub>12</sub>

**M.W:** 907.0

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The herbs of *Ampelopsis brevipedunculata*.

### [ Biological Activity or Inhibitors ]

Ampelopsin H has antioxidant activity, it shows that activity as radical hydroxyl scavenger

an IC 50 4840.0 ug/mL .<sup>[1]</sup>

## **[ Solvent ]**

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

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

Mobile phase: Acetonitrile-0.1%Phosphoric acid solution=15:85;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 290 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Atun S, Aznam N, Arianingrum R, *et al. Indonesian Journal of Chemistry, 2010, 6(3).*

[2] Chen X J, Yao H L, Zhang Q Q, *et al. Lishizhen Medicine & Materia Medica Research, 2010, 21(5):1053-4*

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