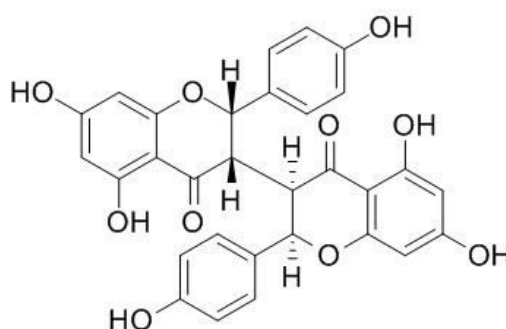


# Isoneochoamaejasmine A Datasheet

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

## [ Product Information ]

**Name:** Isoneochoamaejasmine A**Catalog No.:** CFN92153**Cas No.:** 871319-96-9**Purity:** > 95%**M.F:** C<sub>30</sub>H<sub>22</sub>O<sub>10</sub>**M.W:** 374.34**Physical Description:** Powder**Synonyms:** (2R,2'S,3R,3'S)-rel-2,2',3,3'-Tetrahydro-5,5',7,7'-tetrahydroxy-2,2'-bis(4-hydroxyphenyl)-[3,3'-bi-4H-1-benzopyran]-4,4'-dione.

## [ Intended Use ]

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

## [ Source ]

The roots of *Stellera chamaejasme* Linn.

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

Isoneochamaejasmin A exhibits significantly nematicidal activities against both *B. xylophilus* and *B. mucronatus*.<sup>[1]</sup>

## **[ Solvent ]**

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

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

Mobile phase: 0.1% Formic acid in water- Methanol=61:39;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 280 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Cui H Y, Jin H, Wang D D, *et al. Natural Product Research & Development, 2014, 26(5):639-44.*

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