[**Product Information**]

**Name:** Arteannuin L

**Catalog No.:** CFN98043

**Cas No.:** 207446-89-7

**Purity:** > 95%

**M.F:** C_{15}H_{22}O_{3}

**M.W:** 250.3

**Physical Description:** Powder

**Synonyms:** Arsinous acid, dimethyl-2-hydroxyethyl ester; (3R,3aS,6R,6aS,10R,10aS)-10-Hydroxy-3,6-dimethyl-9-methylenedecahydro-2H-naphtho[8a,1-b]furan-2-one.

[**Intended Use**]

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

[**Source**]

The herbs of *Artemisia annua*.

[**Biological Activity or Inhibitors**]
Arteannuin can degrade the level of TNF-α in rats with ostearthritis, and effectively inhibit the inflammation.\[1\]

Arteannuin has antimalarial activity.\[2\]

**[Solvent]**

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

**[HPLC Method]**\[3\]

Mobile phase: 50% Methanol in water- 0.02% Trifluoroacetic acid in water, gradient elution;
Flow rate: 0.5 ml/min;
Column temperature: 30°C;
The wave length of determination: 279 nm.

**[Storage]**

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

**[References]**


**[Contact]**

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