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**Seal to avoid light.**

**For research use only. Not for drug, Diagnosis of disease or other uses.**

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3rd Edition (Revised in January, 2014)

## **[ Product Information ]**

**Name:** Artemisinin

**Catalog No.:** CFN99011

**Cas No.:** 63968-64-9

**Purity:** 99%

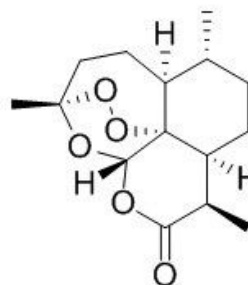
**M.F:** C<sub>15</sub>H<sub>22</sub>O<sub>5</sub>

**M.W:** 282.3

**Physical Description:** Cryst.

**Synonyms:**

(3R,5aS,6R,8aS,9R,12S,12aR)-Octahydro-3,6,9-trimethyl-3,12-epoxy-12H-pyrano[4,3-j]-1,2-benzodioxepin-10(3H)-one; Artemisine; Arteannuin; Huanghuahaosu; QHS



## **[ Intended Use ]**

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

## **[ Source ]**

The herb of *Artemisia annua* L.

## **[ Applications ]**

Active antimalarial constituent of the traditional Chinese medicinal herb *Artemisia annua* L., Compositae, which has been known for almost 2000 years as Qinghao. Antimalarial.

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, Methanol.

## **[ HPLC Method ]**

Mobile phase: Acetonitrile:H<sub>2</sub>O=45:55;

Flow rate: 1.0 ml/min;

The wave length of determination: 203 nm.

## **[ Storage ]**

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

## **[ References ]**

1. Medicinal Research Reviews, 1987, 7(1), 29-52.
2. J. Nat. Prod., 1988, 51(6), 1273–1276.
3. Biochemical and Biophysical Research Communications, 2000, 274(2), 359–369.