[ **Product Information** ]

**Name:** Arteannuin B  
**Catalog No.:** CFN98807  
**Cas No.:** 50906-56-4  
**Purity:** >=98%  
**M.F:** C_{15}H_{20}O_{3}  
**M.W:** 248.32  

**Physical Description:** Powder  

**Synonyms:** (7R)-7,9a-dimethyl-4-methylidenedecahydro-3H-oxireno[7,8]naphtho[8a,1-b]furan-3-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 B is a member of the qinghaosu family, a novel class of sesquiterpenes that exhibit powerful antimalarial activity even against chloroquine resistant strains, it is readily convertible to qinghaosu in several high yielding steps and has potential antitumor activity.[1]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][2]
Mobile phase: Methanol -H2O=60:40;
Flow rate: 0.8 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 220 nm.

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

[ References ]

[ Contact ]
Address:
S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China
Email: info@chemfaces.com
Tel: +86-27-84237783
Fax: +86-27-84254680
Web: www.chemfaces.com
Tech Support: service@chemfaces.com