[ **Product Information** ]

**Name:** Danshenol A  
**Catalog No.:** CFN92167  
**Cas No.:** 189308-08-5  
**Purity:** > 98%  
**M.F:** C_{21}H_{20}O_{4}  
**M.W:** 336.4  

**Physical Description:** Cryst.  
**Synonyms:** (1R,10S)-10-hydroxy-1,6-dimethyl-10-(2-oxopropyl)-1,10-dihydrophenanthro[1,2-b]furan-11(2H)-one.

[ **Intended Use** ]

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

[ **Source** ]

The roots of *Salvia miltiorrhiza.*
[ Biological Activity or Inhibitors]
Danshenol A shows strong inhibitory activity against aldose reductase isolated from the
eye lens of rats. [1]
Danshenol A shows strong aldose reductase (AR) inhibitory activity, has IC50 of 0.10
microM which is comparable to that of epalrestat in clinical use. [2]

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

[ HPLC Method ][3]
Mobile phase: Methanol-1% Acetic acid H2O, gradient elution ;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 280 nm.

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

[ References ]

[ Contact ]
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