

## Danshenxinkun D Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

### [ Product Information ]

**Name:** Danshenxinkun D

**Catalog No.:** CFN90328

**Cas No.:** 98873-76-8

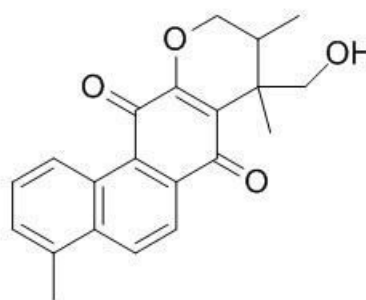
**Purity:** > 98%

**M.F:** C<sub>21</sub>H<sub>20</sub>O<sub>4</sub>

**M.W:** 336.38

**Physical Description:** Powder

**Synonyms:** 8-(Hydroxymethyl)-4,8,9-trimethyl-9,10-dihydronaphtho[2,1-g][1]benzopyran-7,12-dione.



### [ Intended Use ]

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

### [ Source ]

The roots of *Salvia miltiorrhiza*.

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

Danshenxinkun B, isolated from Rhizomes of tanshen (*Salvia miltiorrhiza* Bung), has antioxidant activity, it may have the potential of being used as natural antioxidants in foods and cosmetics.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Methanol- 1% Acetic acid H<sub>2</sub>O=8:92 ;

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] Zhang K Q, Bao Y, Wu P, *et al. J. Agr .Food Chem.*, 1990, 38(5):1194-7.

[2] Suo Y K, Huo B K, Qin J G. *Chinese Pharmaceutical Affairs*, 2012, 26(4):379-81.

## **[ Contact ]**

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