

## Danshenxinkun B Datasheet

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

### [ Product Information ]

**Name:** Danshenxinkun B

**Catalog No.:** CFN90326

**Cas No.:** 65907-76-8

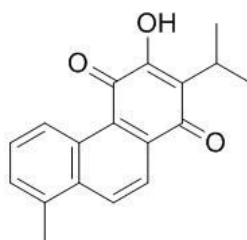
**Purity:** >=98%

**M.F:** C<sub>18</sub>H<sub>16</sub>O<sub>3</sub>

**M.W:** 280.3

**Physical Description:** Powder

**Synonyms:** 3-Hydroxy-2-isopropyl-8-methyl-1,4-phenanthrenedione.



### [ Intended Use ]

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

### [ Source ]

The roots of *Salvia miltiorrhiza* Bge.

## **[ 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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