

Danshenxinkun D Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Danshenxinkun D

Catalog No.: CFN90328

Cas No.: 98873-76-8

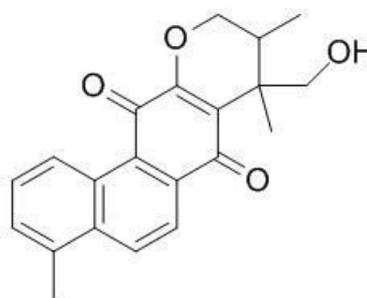
Purity: > 98%

M.F: C₂₁H₂₀O₄

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.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- 1% Acetic acid H₂O=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.

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