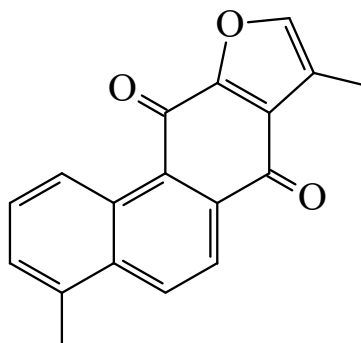




>>Entry Name: Isotanshinone I

Synonym(s): 4,8-Dimethylphenanthro[3,2-*b*]furan-7,11-dione, 9Cl. 12,16-Epoxy-18,20-dinor-1,3,5,7,9,12,15-abietaheptaene-11,14-dione



CAS Registry Number: 20958-17-2

Molecular Formula: C₁₈H₁₂O₃

Molecular Weight: 276.291

Accurate Mass: 276.078645

Percentage Composition: C 78.25%; H 4.38%; O 17.37%

Biological Source: Red pigment from the roots of *Salvia miltiorrhiza* and *Salvia solarea*

Physical Description: Cryst.

Melting Point: Mp 219°

>>Derivative: 15,16-Dihydro

Synonym(s): Dihydroisotanshinone I

CAS Registry Number: 20958-18-3

Molecular Formula: C₁₈H₁₄O₃

Molecular Weight: 278.307

Accurate Mass: 278.094295

Percentage Composition: C 77.68%; H 5.07%; O 17.25%

Biological Source: Constit. of *Salvia miltiorrhiza* and *Salvia prionitis*

References:

Kakisawa, H. *et al.*, *Tet. Lett.*, 1969, 301, (*ir, uv, nmr*)

Romanova, A.S. *et al.*, *Khim. Prir. Soedin.*, 1978, **14**, 515; *Chem. Nat. Compd. (Engl. Transl.)*, 1978, **14**, 439, (*isol*)

Kong, D. *et al.*, *Yaoxue Xuebao*, 1984, **19**, 755-759, (*Dihydroisotanshinone*)