

1,2-Dihydratanshinquinone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 1,2-Dihydratanshinquinone

Catalog No.: CFN90333

Cas No.: 77769-21-2

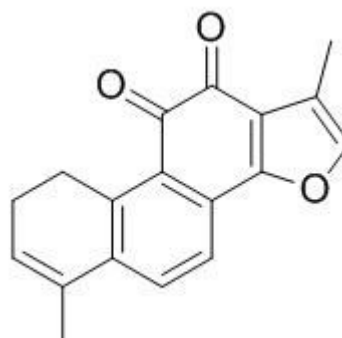
Purity: >=99%

M.F: C₁₈H₁₄O₃

M.W: 278.3

Physical Description: White powder

Synonyms: 1,6-Dimethyl-8,9-dihydrophenanthro[1,2-b]furan-10,11-dione.



[Intended Use]

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

[Source]

The roots of *Salvia miltiorrhiza* Bge.

[Biological Activity or Inhibitors]

1,2 Dihydratanshinquinone is active against both *Trypanosoma brucei rhodesiense* and

Plasmodium falciparum.^[1]

[Solvent]

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

[HPLC Method]

Mobile phase: Acetonitrile-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°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Slusarczyk S, Zimmermann S, Kaiser M, *et al. Planta Med.*, 2011, 77(14):1594-6.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com