

Norcepharadione B Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Norcepharadione B

Catalog No.: CFN98975

Cas No.: 57576-41-7

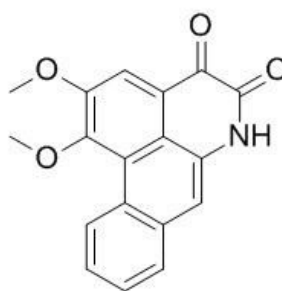
Purity: > 95%

M.F: C₁₈H₁₃NO₄

M.W: 307.30

Physical Description: Brown powder

Synonyms: 4H-dibenzo[de,g]quinoline-4,5(6H)-dione, 1,2-dimethoxy-.



[Intended Use]

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

[Source]

The herbs of *Houttuynia cordata* Thunb.

[Biological Activity or Inhibitors]

Norcepharadione B exhibits significant cytotoxicity against five human tumor cell lines

(A-549, SK-OV-3, SK-MEL-2, XF-498 and HCT-15) in vitro.^[1]

Norcepharadione B shows good inhibitory activity against the replication of herpes simplex virus type 1 (HSV-1).^[2]

Norcepharadione B shows significant inhibitory effects on both ADP-induced and thrombin-induced platelet aggregation. ^[3]

Norcepharadione B shows antimalarial activity with EC₅₀ values of 7.5µg/ml.^[4]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Kim S K, Ryu S Y, No J, *et al. Arch. Pharm. Res.*, 2001, 24(6):518-21.

[2] Chou S C, Su C R, Ku Y C, *et al. Chem. Pharm. Bull.*, 2009, 57(11):1227-30.

[3] Wei Q U, Wu H F, Li J, *et al. Chinese Journal of Natural Medicines*, 2011, 9(6):425-8.

[4] Wirasathien L. *Chulalongkorn University*. 1996.

[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