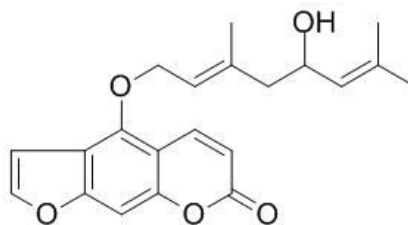


Notopterol Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Notopterol**Catalog No.:** CFN98563**Cas No.:** 88206-46-6**Purity:** >=98%**M.F:** C₂₁H₂₂O₅**M.W:** 354.40**Physical Description:** White cryst.**Synonyms:** (E)-4-[(5-Hydroxy-3,7-dimethyl-2,6-octadien-1-yl)oxy]-7H-furo[3,2-g][1]benzopyran-7-one.**[Intended Use]**

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

[Source]The roots of *Notopterygium incisum*.**[Biological Activity or Inhibitors]**

Notopterol shows significant antiproliferative activity against the HepG-2, MCF-7 and C6 cancer cell lines.^[1]

Notopterol indicates an anti-inflammatory activity by its inhibitory effect in the vascular permeability test.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile-0.05% Acetic acid H₂O ,gradient elution ;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 310 nm.

[Storage]

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

[References]

[1] Wu S B, Pang F. *Planta Med.*, 2010, 76(1):82-5.

[2] Okuyama E, Nishimura S, Ohmori S, *et al. Chem. Pharm. Bull.*, 1993, 41(41):926-9.

[3] Wang Y J, Tao L, Cui S Z, *et al. China Pharmacy*, 2014, 25(31):2942-4.

[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