

Torachrysonone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Torachrysonone

Catalog No.: CFN98224

Cas No.: 22649-04-3

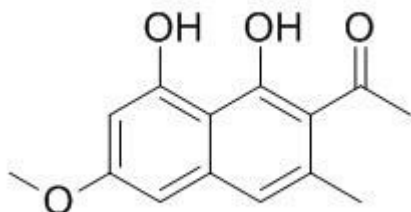
Purity: > 95%

M.F: C₁₄H₁₄O₄

M.W: 246.3

Physical Description: Yellow powder

Synonyms: 1-(1,8-Dihydroxy-6-methoxy-3-methyl-2-naphthyl)ethanone; 1,4-Naphthoquinone, 2-acetyl.



[Intended Use]

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

[Source]

The seeds of *Cassia obtusifolia*.

[Biological Activity or Inhibitors]

Torachrysone, toralactone , aloe-emodin, rhein and emodin show noticeable antibacterial effects on four strains of methicillin-resistant *Staphylococcus aureus* with a minimum inhibitory concentration of 2-64 micrograms/ml.^[1]

Torachrysone shows promising antioxidant activity.^[2]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: 0.01M H₃PO₄–0.01M KH₂PO₄–Acetonitrile =39 : 39 : 22 ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Hatano T, Uebayashi H H, Shiota S, *et al. Chem. Pharm. Bull.(Tokyo).*,1999, 47(8): 1121-7.

[2] Hu L, Chen N N, Hu Q, *et al. Molecules*, 2014, 19(8):11453-64.

[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