

Digiferruginol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Digiferruginol

Catalog No.: CFN92536

Cas No.: 24094-45-9

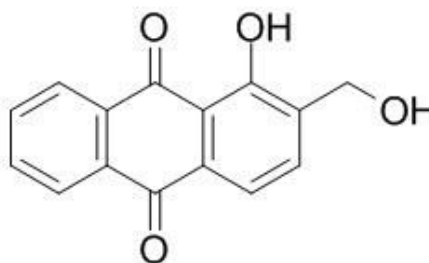
Purity: > 95%

M.F: C₁₅H₁₀O₄

M.W: 254.2

Physical Description: Powder

Synonyms: 1-Hydroxy-2-(hydroxymethyl)-9,10-anthraquinone.



[Intended Use]

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

[Source]

The roots of *Rubia cordifolia* L.

[Biological Activity or Inhibitors]

Digiferruginol has cytotoxic activity.^[1]

Digiferruginol and hederagenin show weak effect on porcine respiratory and reproductive syndrome virus (PRRSV) with an IC₅₀ value of 80.5 ± 16.9 uM(SI = 19.9) and 43.2 ± 7.4 uM (SI = 13.1), respectively.^[2]

[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] Chang P, Lee K H. *J. Nat. Prod.*, 1985, 48(6):948-51.

[2] Su Y, Bi J L, Wang Y H, *et al. J. Braz. Chem. Soc.*, 2012, 23(10):1925-32.

[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