

4'-Hydroxywogonin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 4'-Hydroxywogonin

Catalog No.: CFN98960

Cas No.: 57096-02-3

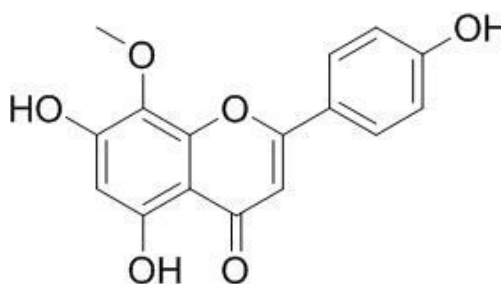
Purity: > 98%

M.F: C₁₆H₁₂O₆

M.W: 300.3

Physical Description: Yellow powder

Synonyms: 5,7,4'-Trihydroxy-8-methoxyflavone.



[Intended Use]

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

[Source]

The roots of *Scutellaria baicalensis* Georgi.

[Biological Activity or Inhibitors]

4'-Hydroxywogonin has positive effect on inhabiting those human tumor lines in vitro, with

IC50 value is 8.3-38.4ug·mL-1.[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- 0.1% Formic acid in water, gradient elution ;

Flow rate: 0.5 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 326 nm.

[Storage]

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

[References]

[1] Zeng Q H. *Strait Pharmaceutical Journal*, 2011, 23(1):137-9.

[2] Lin F J, Yen F L, Chen P C, *et al. The Scientific World Journal*, 2014, 2014:528653, 8 page.

[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