



Chrysoeriol-7-O-glucoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Chrysoeriol-7-O-glucoside

Catalog No.: CFN93021

Cas No.: 19993-32-9

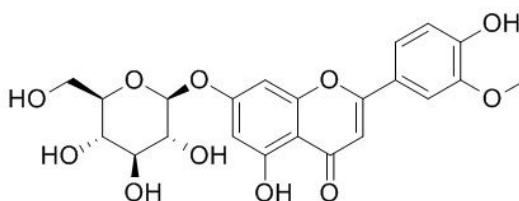
Purity: >=98%

M.F: C₂₂H₂₂O₁₁

M.W: 462.4

Physical Description: Yellow powder

Synonyms: Chrysoeriol 7-O-beta-D-glucopyranoside;Termopsoside.



[Intended Use]

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

[Source]

The herbs of *Eminium spiculatum*.

[Biological Activity or Inhibitors]

Chrysoeriol-7-O-glucoside can strongly inhibit the classical pathway of the complement

system.^[1]

Chrysoeriol-7-O-d-glucoside and luteolin-7-O-d-glucoside can inhibit palmitic acid uptake into small intestinal brush border membrane, apigenin-7-O-d-glucoside can inhibit alpha-amylase activity; they can enhance norepinephrine-induced lipolysis in fat cells.^[2]

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, etc.

[HPLC Method]^[3]

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

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 245 nm.

[Storage]

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

[References]

[1] Pieroni A, Heimler D, Pieters L, *et al. Pharmazie*, 1996, 51(10):765-8.

[2] Han L K, Sumiyoshi M, Zheng Y N, *et al. Phytother. Res.*, 2003, 17(10):1195–8.

[3] Pereira O R, Peres A M, Silva A M S, *et al. Food Res. Int.*, 2013, 54(2):1773-80.

[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