

Hydroxygenkwanin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Hydroxygenkwanin

Catalog No.: CFN98021

Cas No.: 20243-59-8

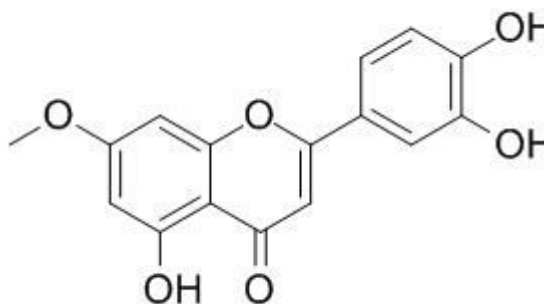
Purity: > 95%

M.F: C₁₆H₁₂O₆

M.W: 300.3

Physical Description: Yellow powder

Synonyms: 3',4',5-Trihydroxy-7-methoxyflavone; 7-O-Methylfluteolin.



[Intended Use]

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

[Source]

The herbs of *Lobelia chinensis*.

[Biological Activity or Inhibitors]

Hydroxygenkwanin may be an effective natural product to treat glioma, it and apigenin

have synergistic anti-glioma effect in vitro.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- 0.05% Phosphate acid in water,gradient elution;

Flow rate:1.0 ml/min;

Column temperature: 40℃;

The wave length of determination:338 nm.

[Storage]

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

[References]

[1] Wang Y, Xu Y S, Yin L H, *et al. Chem. Biol. Interact.*,2013 Nov 25;206(2):346-55.

[2] Pang N N, Kai-Shun B I, Yan B Q, *et al. Chinese Journal of Pharmaceutical Analysis*, 2010,30(4):633-6.

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