

6-Hydroxykaempferol 3,6-diglucoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 6-Hydroxykaempferol 3,6-diglucoside

Catalog No.: CFN92371

Cas No.: 142674-16-6

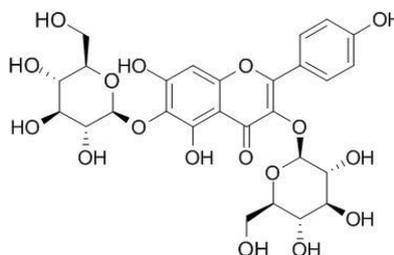
Purity: > 95%

M.F: C₂₇H₃₀O₁₇

M.W: 626.5

Physical Description: Yellow powder

Synonyms: 3,6-Bis(beta-D-glucopyranosyloxy)-5,7-dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one.



[Intended Use]

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

[Source]

The herbs of *Chrysactinia tinctorius*.

[Biological Activity or Inhibitors]

6-Hydroxykaempferol 3,6-di-O-glucoside and 6-hydroxykaempferol 3,6,7-tri-O-glucoside can inhibit platelet aggregation induced by collagen, they also show weak inhibitory effects on the adenosine 5'-diphosphate (ADP)- induced platelet aggregation.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

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: 280 nm.

[Storage]

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

[References]

[1] Iizuka T, Moriyama N H, Taniguchi A, *et al. Natural Med.*, 2005, 59(5):241-4.

[2] Chen J, Tu P, Jiang Y. *Journal of Chinese Pharmaceutical Sciences*, 2014, 23(7):490-5.

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