



Luteolin-6-C-glucoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Luteolin-6-C-glucoside

Catalog No.: CFN98137

Cas No.: 4261-42-1

Purity: >=98%

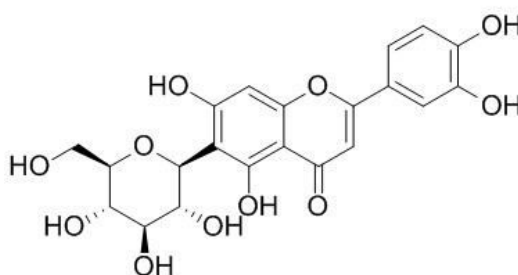
M.F: C₂₁H₂₀O₁₁

M.W: 448.38

Physical Description: Powder

Synonyms: Isoorientin; Homoorientin;

2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-6- β -D-glucopyranosyl-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 *Polygonum orientale* Linn.

[Biological Activity or Inhibitors]

Luteolin-6-C-glucoside has antioxidant activity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: n-Butanol-Acetic acid- H₂O, gradient elution ;

Flow rate: 0.8 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Bouazizketata H, Zouari N, Ben S H, *et al. Indian J. Exp. Biol.* 2015, 53(4):208-15.

[2] Hassanein H D, Elsayed W M, Abreu A C, *et al. Research Journal of Pharmaceutical Biological & Chemical Sciences*, 2015, 6(1):1714-22.

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