



Kaempferol-3-beta-O-glucuronide Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Kaempferol-3-beta-O-glucuronide

Catalog No.: CFN90359

Cas No.: 22688-78-4

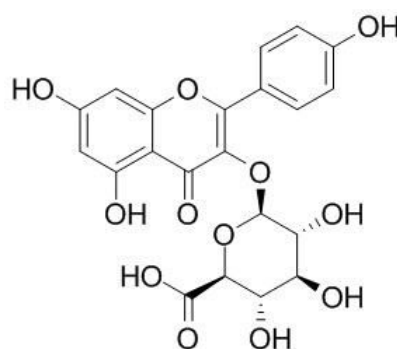
Purity: >= 98%

M.F: C₂₁H₁₈O₁₂

M.W: 462.36

Physical Description: Yellow powder

Synonyms: Kaempferol 3-glucuronide.



[Intended Use]

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

[Source]

The herbs of *Euphorbia lathyris*.

[Biological Activity or Inhibitors]

Kaempferol-3-O-glucuronide has cytotoxicity and antioxidant activity. ^[1]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-1%Phosphoric acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 344 nm.

[Storage]

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

[References]

[1] Badria F A, Ameen M, Akl M R. *Z. Naturforsch. C.*, 2014, 62(10):656-60.

[2] Tan J B, Huang M J, Zeng G Y, *et al. Central South Pharmacy*, 2009, 7(3):177-9.

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