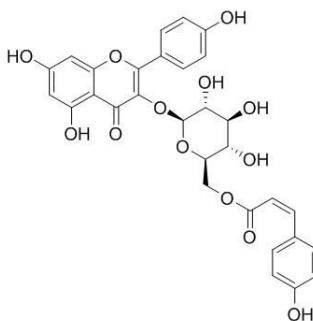


Kaempferol-3-O-(6''-O-cis-coumaryl)glucoside Datasheet5th Edition (Revised in January, 2017)**[Product Information]****Name:** Kaempferol-3-O-(6''-O-cis-coumaryl)glucoside**Catalog No.:** CFN92265**Cas No.:** 163956-16-9**Purity:** > 95%**M.F:** C₃₀H₂₆O₁₃**M.W:** 594.5**Physical Description:** Yellow powder**Synonyms:** Kaempferol 3-beta-D-(6-O-cis-p-coumaryl)glucopyranoside).**[Intended Use]**

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

[Source]The herbs of *Ampelopsis japonica* (Thunb.) Makino.**[Biological Activity or Inhibitors]**

Kaempferol-3-O- β -D-(6"-O-coumaryl) glycoside has antioxidant activity and α -glucosidase inhibitory effects, it could potentially be used for food additives and the development of useful natural compounds.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.05%Phosphoric acid H₂O=70:30;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 315 nm.

[Storage]

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

[References]

[1] Kim J S, Kwon Y S, Sa Y J, *et al. J. Agr. Food Chem.*, 2011, 59(1):138-44.

[2] Zhao Y X, Chen F, Deng Y R, *et al. Chinese Archives of Traditional Chinese Medicine*, 2014(3):644-6.

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