

Kaempferol 3-sophoroside-7-rhamnoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Kaempferol 3-sophoroside-7-rhamnoside

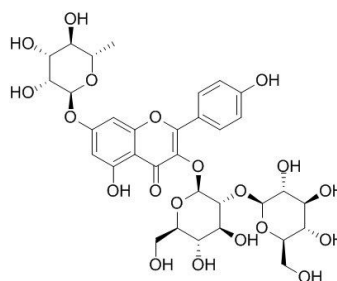
Catalog No.: CFN90736

Cas No.: 93098-79-4

Purity: ≥95%

M.F: C₃₃H₄₀O₂₀

M.W: 756.66



Physical Description: Yellow powder

Synonyms: 4H-1-Benzopyran-4-one, 7-[(6-deoxy-α-L-mannopyranosyl)oxy]-3-[(2-O-β-D-glucopyranosyl-β-D-glucopyranosyl)oxy]-5-hydroxy-2-(4-hydroxyphenyl)-; Kaempferol 3-O-sophoroside 7-O-rhamnoside; Kaempferol 3-O--D-sophoroside-7-O--L-rhamnoside; Kaempferol 3-O-β-D-sophoroside 7-O-α-L-rhamnoside.

[Intended Use]

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

[Source]

The herbs of *Elaeagnus multiflora* Thunb.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 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] Fernandes F, Valentão P, Sousa C, *et al. Food Chem*, 2007, 105(3):1003-10.

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