[**Product Information**]

**Name:** Kaempferol-7-O-D-glucopyranoside  
**Catalog No.:** CFN90150  
**Cas No.:** 16290-07-6  
**Purity:** >=98\%  
**M.F:** C_{21}H_{20}O_{11}  
**M.W:** 448.38

**Physical Description:** Yellow powder

**Synonyms:** Populin; 7-[(\beta\text{-D-Glucopyranosyl})oxy]-3,4',5-trihydroxyflavone;  
2-(4-Hydroxyphenyl)-3,5-dihydroxy-7-(\beta\text{-D-glucopyranosyloxy})-4H-1-benzopyran-4-one;  
Kaempferol-7-O-\beta\text{-D-glucopyranoside};Glucosyl-7-kaempferol;  
Kaempferol 7-monoglucoside.

[**Intended Use**]

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

[**Source**]

The herbs of *Hosta plantaginea*. 

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Kaempferol-7-O-D-glucopyranoside Datasheet

4th Edition (Revised in July, 2016)
[**Biological Activity or Inhibitors**]

Kaempferol 7-O-beta-d-glucopyranoside (KF7G), a novel supercoolant could be used to sub-zero non-freezing rat heart preservation.[1]

[**Solvent**]

Pyridine, Methanol, Ethanol, etc.

[**HPLC Method**][2]

Mobile phase: Methanol- 0.5 % Phosphate acid H2O, gradient elution 
Flow rate: 1.0 ml/min; 
Column temperature: 30 °C; 
The wave length of determination: 364 nm.

[**Storage**]

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

[**References**]


[**Contact**]

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