

## Apigenin 5-O-beta-D-glucopyranoside Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** Apigenin 5-O-beta-D-glucopyranoside

**Catalog No.:** CFN98352

**Cas No.:** 28757-27-9

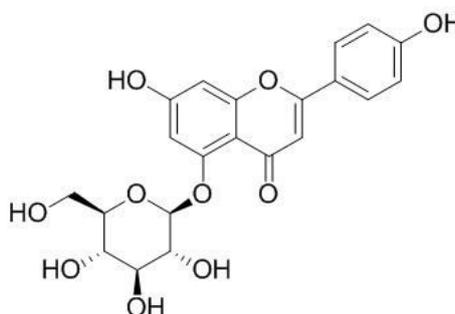
**Purity:** > 95%

**M.F:** C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>

**M.W:** 432.37

**Physical Description:** Yellow powder

**Synonyms:** 4H-1-Benzopyran-4-one, 5-(β-D-glucopyranosyloxy)-7-hydroxy-2-(4-hydroxyphenyl)-; Apigenin 5-O-glucoside.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Scutellaria barbata*.

### [ Biological Activity or Inhibitors ]

Apigenin 5-O-beta-D-glucopyranoside has inhibitory activity against the enzyme yeast  $\alpha$ -glucosidase, the IC<sub>50</sub> values 287.12  $\mu$ M.<sup>[1]</sup>

### [ **Solvent** ]

Pyridine, Methanol, Ethanol, etc.

### [ **HPLC Method** ]

Not data available.

### [ **Storage** ]

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

### [ **References** ]

[1]Tabussum A, Riaz N, Saleem M, *et al. Phytochem. Lett.*, 2013, 6(4):614-9.

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