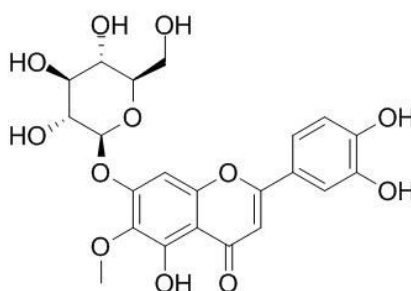


Nepetin-7-glucoside Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Nepetin-7-glucoside**Catalog No.:** CFN90438**Cas No.:** 569-90-4**Purity:** >=97%**M.F:** C₂₂H₂₂O₁₂**M.W:** 478.40**Physical Description:** Yellow powder

Synonyms:2-(3,4-Dihydroxyphenyl)-5-hydroxy-6-methoxy-7-(β -D-glucopyranosyloxy)-4H-1-benzopyran-4-one;3'-Hydroxy-6-O-methylscutellarein 7-O- β -glucopyranoside; 5-Hydroxy-6-methoxy-2-(3,4-dihydroxyphenyl)-7-(β -D-glucopyranosyloxy)-4H-1-benzopyran-4-one;6-Methoxyluteolin 7-glucoside;6-Methoxyluteolin 7-O-glucoside.

[Intended Use]

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

[Source]The herbs of *Salvia plebeia* R.Br.

[Biological Activity or Inhibitors]

Nepetin-7-glucoside, isolated from the flavonoid-rich extract of *Salvia plebeia*, has hepatoprotective effect against carbon tetrachloride (CCl₄)-induced liver injury in mice.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 0.5% Aqueous glacial acetic acid- Methanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 342 nm.

[Storage]

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

[References]

[1] Jin X F, Qian J, Lu Y H. *J. Med. Plant Res.*, 2011, 5(9):1558-63.

[2] Jin X F, Lu Y H, Wei D Z, et al. *J. Pharmaceut. Biomed.*, 2008, 48(1):100-4.

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