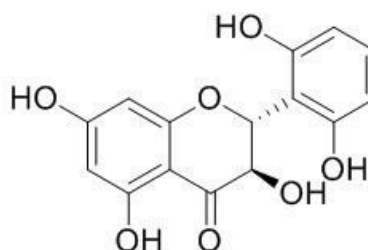


2',3,5,6',7-Pentahydroxyflavanone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 2',3,5,6',7-Pentahydroxyflavanone**Catalog No.:** CFN97277**Cas No.:** 80366-15-0**Purity:** >=98%**M.F:** C₁₅H₁₂O₇**M.W:** 304.3**Physical Description:** Powder**Synonyms:** 2',6'-Dihydroxypinobanksin; (2R,3R)-2-(2,6-dihydroxyphenyl)-3,5,7-trihydroxy-2,3-dihydro-4H-chromen-4-one.

[Intended Use]

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

[Source]

The roots of *Scutellaria baicalensis* Georgi.

[Biological Activity or Inhibitors]

(2R,3R)-2',3,5,6,7-pentahydroxyflavanone can inhibit the histamine release from rat mast cells induced by compound 48/80.^[1]

(2R,3R)-2',3,5,6,7-pentahydroxyflavanone inhibits the lipid peroxide formation by Fe and ascorbic acid, it also inhibits the lipid peroxide formation induced by adenosine diphosphate and reduces nicotinamide adenine dinucleotide phosphate in rat liver homogenate.^[2]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Kubo M, Matsuda H, Kimura Y, *et al. Chem. Pharm. Bull.*, 1984, 32(12):5051-4.

[2] Kimura Y, Okuda H, Tani T, *et al. Chem. Pharm. Bull.*, 1982, 30(5):1792-5.

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