

7,3',4'-Trihydroxyflavone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 7,3',4'-Trihydroxyflavone

Catalog No.: CFN97786

Cas No.: 2150-11-0

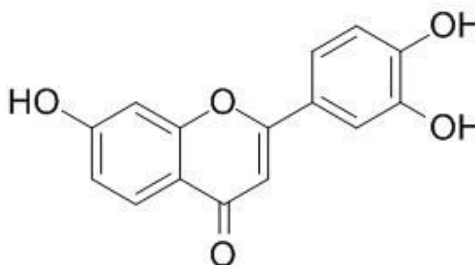
Purity: > 95%

M.F: C₁₅H₁₀O₅

M.W: 270.24

Physical Description: Yellow powder

Synonyms: 2-(3,4-Dihydroxyphenyl)-7-hydroxy-4H-chromen-4-one; 4H-1-benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-7-hydroxy-



[Intended Use]

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

[Source]

The seeds of *Cassia occidentalis*.

[Biological Activity or Inhibitors]

3'4'7-Trihydroxyflavone can markedly inhibit the receptor activator of nuclear factor kappa B ligand (RANKL) induced osteoclastic differentiation from mouse bone marrow derived macrophages (BMMs), it inhibits osteoclastogenesis via nuclear factor of activated T cells c1 (NFATc1).^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Kang J H, Lee J, Moon M, *et al. Pharmazie*, 2015, 70(10):661-7.

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