

Putraflavone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Putraflavone

Catalog No.: CFN98246

Cas No.: 23624-21-7

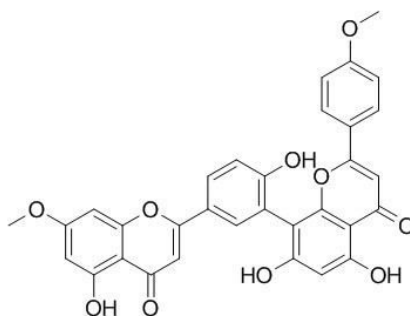
Purity: > 95%

M.F: C₃₂H₂₂O₁₀

M.W: 416.6

Physical Description: Yellow powder

Synonyms: 5,7-Dihydroxy-8-[2-hydroxy-5-(5-hydroxy-7-methoxy-4-oxochromen-2-yl)phenyl]-2-(4-methoxyphenyl)chromen-4-one; 4',7''-Di-O-methylamentoflavone; Podocarpus flavone B.



[Intended Use]

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

[Source]

The leaves of *Ginkgo biloba* L.

[Biological Activity or Inhibitors]

Putraflavone possesses a good antioxidant activity via its DPPH free radical scavenging.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: 0.1% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 0.6 ml/min;

Column temperature: 30°C;

The wave length of determination: 330 nm.

[Storage]

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

[References]

[1] Wang G, Yao S, Zhang X X, *et al. Int. J. Anal. Chem.*, 2015; 2015: 849769.

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