

Heveaflavone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Heveaflavone

Catalog No.: CFN98236

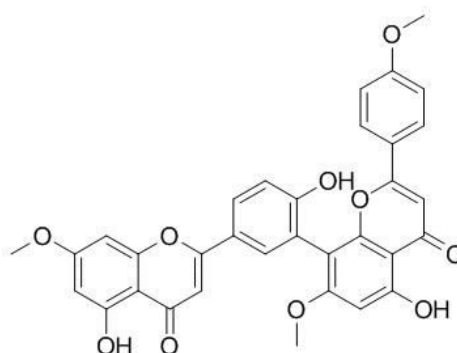
Cas No.: 23132-13-0

Purity: > 95%

M.F: C₃₃H₂₄O₁₀

M.W: 580.6

Physical Description: Yellow powder



Synonyms: 5-Hydroxy-8-[2-hydroxy-5-(5-hydroxy-7-methoxy-4-oxo-4H-chromen-2-yl)phenyl]-7-methoxy-2-(4-methoxyphenyl)-4H-chromen-4-one; 2,6-Dihydroxy-7-methylpurine; 1-Methylxanthine.

[Intended Use]

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

[Source]

The herbs of *Selaginella tamariscina* (P. Beauv.) Spring.

[Biological Activity or Inhibitors]

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

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.5% Acetic acid in water- Acetonitrile, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30°C;

The wave length of determination: 270 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.

[2] Yang Y, Tang X, Yao H. *Indian Journal of Traditional Knowledge*, 2015, 26(2): 245-8.

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