

Limocitrin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Limocitrin

Catalog No.: CFN92385

Cas No.: 489-33-8

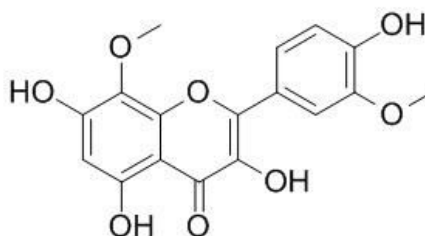
Purity: > 95%

M.F: C₁₇H₁₄O₈

M.W: 346.3

Physical Description: Yellow powder

Synonyms: 3,5,7-Trihydroxy-2-(4-hydroxy-3-methoxyphenyl)-8-methoxy-4H-1-benzopyran-4-one.



[Intended Use]

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

[Source]

The herbs of *Sedum sarmentosum* Bunge.

[Biological Activity or Inhibitors]

An effective dose of limocitrin compounds(including, but not limited to, 3,5,7,4'-tetramethoxylimocitrin,limocitrin 3,5,7,4'-trimethyl ether 5-acetate, 3,5,7,4'-tetramethoxylimocitrin or 3,7,4'-trimethoxylimocitrin, and 5-desmethyl sinensetin) can treat individuals at a high risk of developing or having neoplasia or atherosclerosis.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-Tetrahydrofuran ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 370 nm.

[Storage]

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

[References]

[1] Najla G, Horowitz R M, Manthey J A. *WO 2000019998 A1[P]. 2000.*

[2] Olszewska M A. *J. Sep. Sci., 2012, 35(17):2174-83.*

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