

2,3,8-Tri-O-methylellagic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 2,3,8-Tri-O-methylellagic acid

Catalog No.: CFN99680

Cas No.: 1617-49-8

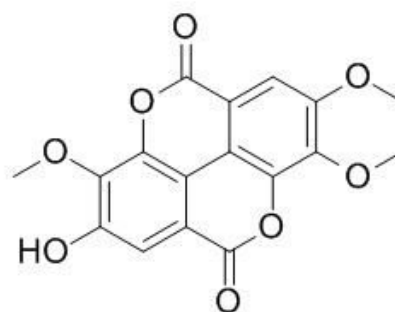
Purity: > 95%

M.F: C₁₇H₁₂O₈

M.W: 344.3

Physical Description: Powder

Synonyms:



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

[Source]

The herbs of *Combretum paniculatum*.

[Biological Activity or Inhibitors]

2,3,8-tri-O-Methyl ellagic acid has antimicrobial activity against Vibrio cholera, Staphylococcus aureus, Klebsiella pneumoniae, Pseudomonas aeruginosa, Bacillus cereus, Escherichia coli .^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol - Acetonitrile - 0.1% Phosphoric acid =17:33:50 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 248 nm.

[Storage]

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

[References]

[1] George I N, Zhao Y. *Afr. J. Biotechnol.*, 2007, 6(16):1910-2.

[2] Xu C F, Huang J Y, Hao Y, *et al. West Pharmaceutical Journal*, 2015, 30 (2): 230-1.

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