

(-)-Gallocatechin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: (-)-Gallocatechin

Catalog No.: CFN99137

Cas No.: 3371-27-5

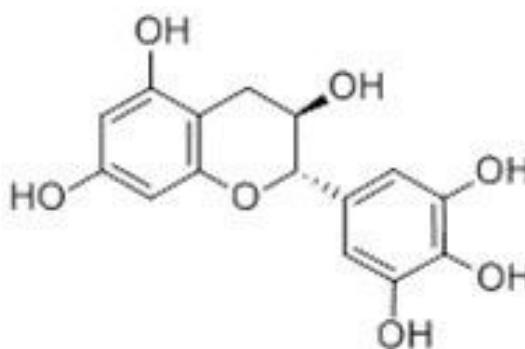
Purity: > 98%

M.F: C₁₅H₁₄O₇

M.W: 306.27

Physical Description: White powder

Synonyms: (2S)-3,4-Dihydro-2-(3,4,5-trihydroxyphenyl)-2H-1-benzopyran-3,5,7-triol.



[Intended Use]

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

[Source]

The wood of *Acacia catechu* (L.F.) Willd.

[Biological Activity or Inhibitors]

Gallocatechins have antioxidant potential.^[1]

[Solvent]

Pyridine, Alcohol, Methanol, H₂O, etc.

[HPLC Method]^[2]

Mobile phase: Methanol - 0.05% Trifluoroacetic acid in water, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Jovanovic S V, Hara Y, Steenken S, *et al. J. Am. Chem. Soc.*, 1995, 117(39):9881-8.

[2] Kang H N, Chen B, Han C, *et al. Journal of Instrumental Analysis*, 2007, 26(2):210-1.

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