

Catechin 3-rhamnoside Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Catechin 3-rhamnoside

Catalog No.: CFN99052

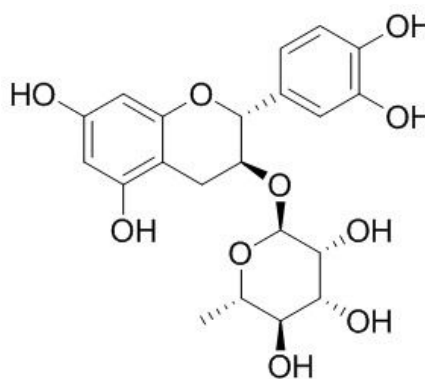
Cas No.: 103630-03-1

Purity: > 95%

M.F: C₂₁H₂₄O₁₀

M.W: 436.4

Physical Description: Powder



Synonyms: a-L-Mannopyranoside, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl-6-deoxy-, (2R-trans)-; Catechin 3-O-a-L-rhamnopyranoside.

[Intended Use]

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

[Source]

The stems of *Erythroxylum novogranatense*.

[Biological Activity or Inhibitors]

-(-) Catechin-3-O- rhamnoside shows antioxidant potential.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 262 nm.

[Storage]

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

[References]

[1] Ogechukwu O E, Ogoamaka O P, Kawamura A, et al. *J. Biomol. Res. Ther.*, 2012, 1(1):1-6.

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