

5-Galloylquinic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 5-Galloylquinic acid

Catalog No.: CFN92078

Cas No.: 53584-43-3

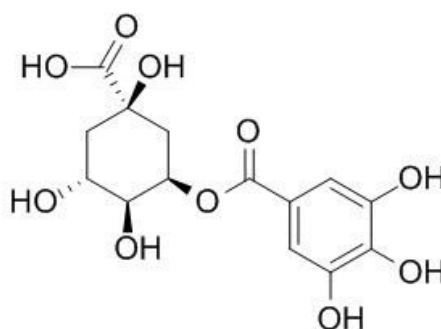
Purity: > 98%

M.F: C₁₄H₁₆O₁₀

M.W: 344.3

Physical Description: Powder

Synonyms: 1,3,4-Trihydroxy-5-(3,4,5-trihydroxybenzoyloxy)cyclohexane-1-carboxylic acid.



[Intended Use]

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

[Source]

The leaves of *Camellia sinensis*.

[Biological Activity or Inhibitors]

5-O-Galloylquinic acid from green tea and other plants, has antioxidant and anti-leishmanial bioactivities.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]

Mobile phase: MeOH: Acetic acid H₂O gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Ma Y, Shang Y, Zhu D, *et al. Phytochem.. Analysis, 2016, 27(3-4):153-7.*

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com