[ Product Information ]

Name: 5-Galloylquinic acid
Catalog No.: CFN92078
Cas No.: 53584-43-3
Purity: > 98%
M.F: \( \text{C}_{14}\text{H}_{16}\text{O}_{10} \)
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.\cite{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 wavelength of determination: 254 nm.

[ **Storage** ]

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

[ **References** ]


[ **Contact** ]

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