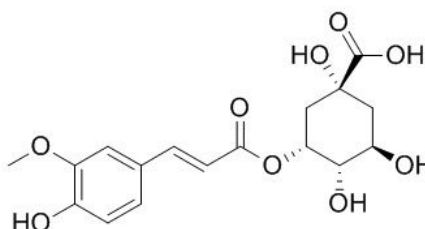


## 5-O-Feruloylquinic acid Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** 5-O-Feruloylquinic acid**Catalog No.:** CFN92889**Cas No.:** 40242-06-6**Purity:** > 95%**M.F:** C<sub>17</sub>H<sub>20</sub>O<sub>9</sub>**M.W:** 368.3**Physical Description:** Powder**Synonyms:** (1R,3R,4S,5R)-1,3,4-Trihydroxy-5-[(E)-3-(4-hydroxy-3-methoxy-phenyl)-acryloyloxy]-cyclohexanecarboxylic acid; 5-feruloylquinic acid; Tetracaffeoylquinic acid.

### [ Intended Use ]

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

### [ Source ]

The fruits of *Coffea canephora* var. *Robusta*.

### [ Biological Activity or Inhibitors ]

Not data available.

### [ **Solvent** ]

Pyridine, DMSO, Methanol, Ethanol, etc.

### [ **HPLC Method** ]<sup>[1]</sup>

Mobile phase: Methanol- 100 mM NaOH aqueous, gradient elution ;

Flow rate: 0.38 ml/min;

Column temperature: 30 °C;

The wave length of determination: 324 nm.

### [ **Storage** ]

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

### [ **References** ]

[1] Frank O, Zehentbauer G, Hofmann T. *Eur. Food Res. Technol.*, 2006, 222(5):492-508.

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