[ **Product Information** ]

Name: Isocholorgenic acid A

Catalog No.: CFN99118

Cas No.: 2450-53-5

Purity: > 98%

M.F: C_{25}H_{24}O_{12}

M.W: 516.45

Physical Description: White powder

Synonyms: 3,5-Dicaffeoylquinic acid

[ **Intended Use** ]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Ingredient in supplements, beverages;
7. Others.

[ **Source** ]

The flowerbud of *Lonicera japonica* Thunb.
[**Biological Activity or Inhibitors**]

Isochlorogenic acid A possesses the potent anti-hepatitis B activity and anti-HBV activity, could be achieved by its antioxidative property and induction of HO-1.[1]

Metabolic processes of isochlorogenic acid A in rats conform to linear dynamics with fast metabolism and short half-life.[2]

[**Solvent**]

Pyridine, Ethanol, Methanol, Hot water, etc.

[**HPLC Method**][3]

Mobile phase: Acetonitrile (A) -0.4% phosphoric acid (B), gradient elution (0~10 min, 5% →9%A; 10~30 min, 9%A; 30~60 min, 9%-30%A; 60~80 min, 30%A);

Flow rate: 1.0 ml/min;

The wavelength of determination: 330 nm.

[**Storage**]

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

[**References**]


[**Contact**]

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