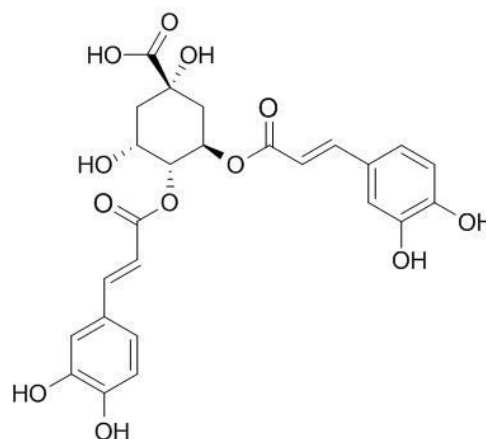


Isochlorogenic acid B Datasheet

4th Edition (Revised in July, 2016)**[Product Information]****Name:** Isochlorogenic acid B**Catalog No.:** CFN99119**Cas No.:** 14534-61-3**Purity:** > 98%**M.F:** C₂₅H₂₄O₁₂**M.W:** 516.45**Physical Description:** White powder**Synonyms:** (1S,3R,4R,5R)-3,4-bis[(E)-3-(3,4-dihydroxyphenyl)-1-oxoprop-2-enoyl]-1,5-dihydroxy-1-cyclohexanecarboxylic acid; 3,4-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 B has antioxidant activity.^[1]

[Solvent]

Pyridine, Ethanol, Methanol, Hot water, etc.

[HPLC Method]^[2]

Mobile phase: Methanol-0.1% Formic acid H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 345 nm.

[Storage]

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

[References]

[1] Chang Y X, Liu J, Bai Y, *et al. Plos One*, 2014, 9(9):e106254-e106254.

[2] Xu X K, Chen Z Y, Liao L P. *China Journal of Chinese Materia Medica*, 2015, 40(6):1119-22.

[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