

6-O-Caffeoylarbutin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 6-O-Caffeoylarbutin

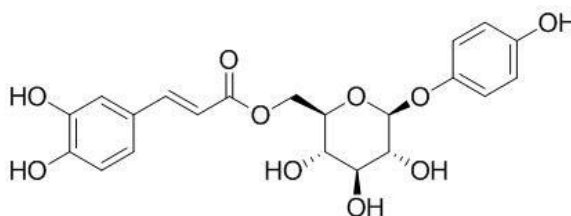
Catalog No.: CFN99427

Cas No.: 136172-60-6

Purity: > 95%

M.F: C₂₁H₂₂O₁₀

M.W: 434.4



Physical Description: Powder

Synonyms: Robustaside B; 4-Hydroxypheoxyacetate; 4-Hydroxyphenyl-6-O-[(2E)-3-(3,4-dihydroxyphenyl)-2-propenoyl]-β-D-glucopyranoside; Hydrochinon-mono-glykolsaeure.

[Intended Use]

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

[Source]

The herbs of *Viburnum dilatatum* Thunb.

[Biological Activity or Inhibitors]

Robustaside B(6-O-Caffeoylarbutin) and para-hydroxyphenol have antioxidant properties, they also have a potential therapeutic use for the treatment of diseases requiring the induction of cell death, including cancer.^[1]

Robustaside B shows obvious anti-fatigue activities.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Adisa R A, Olorunsogo O O. *Mol. Med. Rep.*, 2013, 8(5):1493-8.

[2] Chu H B, Hong Z, Liang S L, *et al. Chinese Traditional & Herbal Drugs*, 2014, 45(9): 1223-7.

[3] Yamashita-Higuchi Y, Sugimoto S, Matsunami K, *et al. Chem. Pharm.Bull.*, 2012, 60 (10):1347-50.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,

Email: info@chemfaces.com

Tel: +86-27-84237783

Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com