



Pelargonidin-3-O-rutinosde chloride Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Pelargonidin-3-O-rutinosde chloride

Catalog No.: CFN92133

Cas No.: 33978-17-5

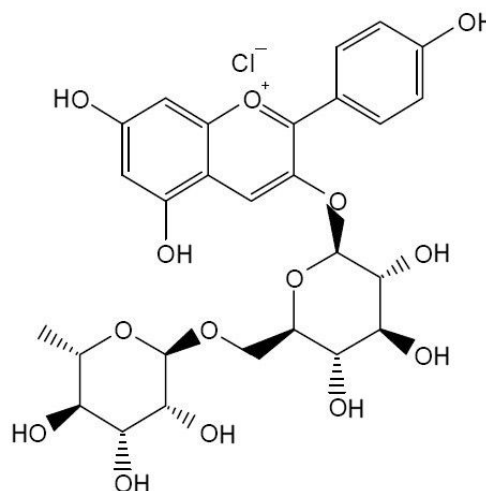
Purity: > 95%

M.F: C₂₇H₃₁O₁₄Cl

M.W: 615.0

Physical Description: Powder

Synonyms: Pelargonidin 3-rutinoside.



[Intended Use]

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

[Source]

The fruits of *Vaccinium myrtillus*

[Biological Activity or Inhibitors]

Pelargonidin 3-rutinoside exhibits antioxidant and anti-inflammatory properties.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 1% Formic acid in Acetonitrile- 1%Formic acid in H₂O,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 40 °C;

The wave length of determination: 520 nm.

[Storage]

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

[References]

[1] Flores G, Pérez C, Gil C, *et al. J. Funct. Foods*, 2013, 5(4):1803-9.

[2] Jr T A, Chang C, Edirisinghe I, *et al. J. Agr. Food Chem.*, 2012, 60(23):5803-12.

[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