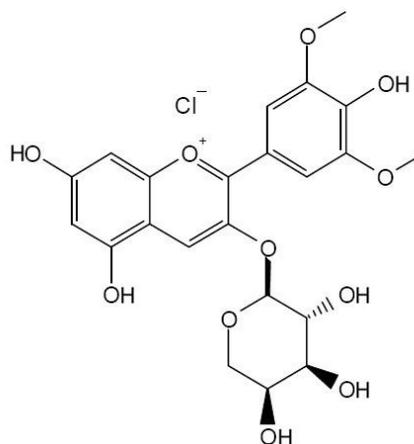


## Malvidin-3-O-arabinoside chloride Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)**[ Product Information ]****Name:** Malvidin-3-O-arabinoside chloride**Catalog No.:** CFN92050**Cas No.:** 28500-04-1**Purity:** > 95%**M.F:** C<sub>22</sub>H<sub>23</sub>ClO<sub>11</sub>**M.W:** 498.9**Physical Description:** Powder**Synonyms:** Malvidin 3-arabinoside.**[ 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 ]**

Not data available.

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

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

Mobile phase: 1% Formic acid in Acetonitrile- 1%Formic acid in H<sub>2</sub>O,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] Jr T A, Chang C, Edirisinghe I, *et al. J. Agr. Food Chem., 2012, 60(23):5803-12.*

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