

Peonidin-3-O-arabinoside chloride

Chemical Properties

CAS No. : 524943-91-7

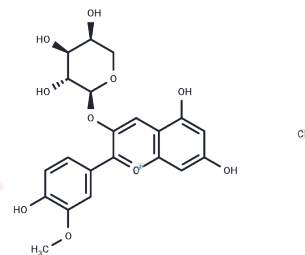
Formula: C₂₁H₂₁ClO₁₀

Molecular Weight: 468.84

Storage: Store at low temperature, Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Peonidin-3-O-arabinoside chloride (Compound XII) is an anthocyanin isolated from cranberry fruit. It is an inhibitor of pancreatic lipase and a dietary supplement used for studying obesity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1329 mL	10.6646 mL	21.3292 mL
5 mM	0.4266 mL	2.1329 mL	4.2658 mL
10 mM	0.2133 mL	1.0665 mL	2.1329 mL
50 mM	0.0427 mL	0.2133 mL	0.4266 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Song Jing, et al. The antioxidant activity, α -glucosidase and acetylcholinesterase inhibition activity, and chemical composition of *Paeonia delavayi* petal. *Food Quality and Safety* 6 (2022): fyac020.

Liaudanskas Mindaugas, et al. Determination of Biologically Active Compounds and Antioxidant Capacity In Vitro in Fruit of Small Cranberries (*Vaccinium oxycoccos* L.) Growing in Natural Habitats in Lithuania. *Antioxidants* 13.9 (2024): 1045.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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