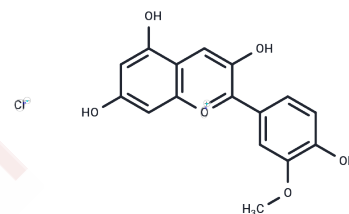


Peonidin chloride

Chemical Properties

CAS No. :	134-01-0
Formula:	C ₁₆ H ₁₃ ClO ₆
Molecular Weight:	336.72
Storage:	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 chloride has antioxidant activity. Peonidin has show potent inhibitory and apoptotic effects on cancer cells in vitro, notably metastatic human breast cancer cells.
Targets(IC50)	ERK,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9698 mL	14.8491 mL	29.6983 mL
5 mM	0.594 mL	2.9698 mL	5.9397 mL
10 mM	0.297 mL	1.4849 mL	2.9698 mL
50 mM	0.0594 mL	0.297 mL	0.594 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

Methylation of an anthocyanin increases its ability to inhibit growth of corn earworm larvae.American Society of Plant Biologists Annual Meeting.2004.

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