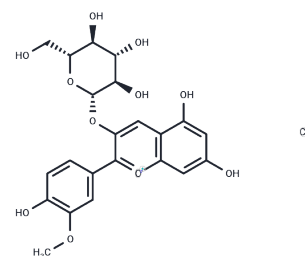


Peonidin-3-O-glucoside chloride

Chemical Properties

CAS No. :	6906-39-4
Formula:	C ₂₂ H ₂₃ ClO ₁₁
Molecular Weight:	498.86
Appearance:	no data available
Storage:	store at low temperature, keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Peonidin-3-O-glucoside chloride (Peonidin 3-Glucoside Chloride) is an anthocyanin with radical scavenger activity and can be used in studies about acting as an insulin secretagogue.
Targets(IC50)	Free radical scavengers

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0046 mL	10.0229 mL	20.0457 mL
5 mM	0.4009 mL	2.0046 mL	4.0091 mL
10 mM	0.2005 mL	1.0023 mL	2.0046 mL
50 mM	0.0401 mL	0.2005 mL	0.4009 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.

Reference

JoelleProvasia, PierreLequien. Redox Behavior of Anthocyanins Present in Vitis vinifera L.Electroanalysis, 2010, 19 (17):1779-1786.

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