

Delphinidin-3-O-galactoside chloride

Chemical Properties

CAS No.:	28500-00-7
Formula:	C ₂₁ H ₂₁ ClO ₁₂
Molecular Weight:	N/A
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Delphinidin-3-O-galactoside chloride has anti-obesity and hypolipidemic effects. Delphinidin-3-O-galactoside (D3G) is a water-soluble anthocyanin with antioxidant activity. D3G is capable of masking the EGCG-induced cytotoxicity and ER stress, presumably through up-regulation of antioxidant enzymes and heat shock proteins.
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Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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