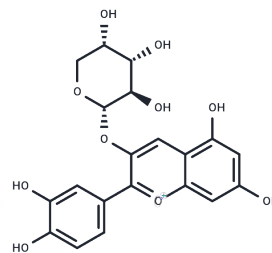


Cyanidin 3-O-arabinoside

Chemical Properties

CAS No. :	792868-19-0
Formula:	C ₂₀ H ₁₉ O ₁₀
Molecular Weight:	419.361
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	Cyanidin 3-O-arabinoside is an anthocyanin antioxidant that has been found in eggplant. It scavenges radicals in a Trolox equivalent antioxidant capacity (TEAC) assay.
Targets(IC50)	Others, Reactive Oxygen Species

Solubility Information

Solubility	Ethanol: 3.3 mg/mL (7.87 mM), Sonication is recommended. DMF: 17 mg/mL (40.54 mM), Sonication is recommended. DMSO: 10 mg/mL (23.85 mM), Sonication is recommended. PBS (pH 7.2): 0.14 mg/mL (0.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3846 mL	11.9229 mL	23.8459 mL
5 mM	0.4769 mL	2.3846 mL	4.7692 mL
10 mM	0.2385 mL	1.1923 mL	2.3846 mL
50 mM	0.0477 mL	0.2385 mL	0.4769 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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