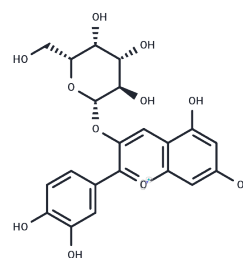


Cyanidin 3-O-galactoside

Chemical Properties

CAS No. :	142506-26-1
Formula:	C ₂₁ H ₂₁ O ₁₁
Molecular Weight:	449.38
Storage:	Keep away from direct sunlight, Keep away from moisture, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cyanidin 3-O-galactoside is a natural product exhibiting inhibitory activity against HPA (Human Pancreatic Amylase), with an IC ₅₀ of 204.1 μM.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2253 mL	11.1264 mL	22.2529 mL
5 mM	0.4451 mL	2.2253 mL	4.4506 mL
10 mM	0.2225 mL	1.1126 mL	2.2253 mL
50 mM	0.0445 mL	0.2225 mL	0.4451 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

Xie L, Mo J, Ni J, et al. Structure-based design of human pancreatic amylase inhibitors from the natural anthocyanin database for type 2 diabetes. Food Funct. 2020;11(4):2910-2923. doi:10.1039/c9fo02885d

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