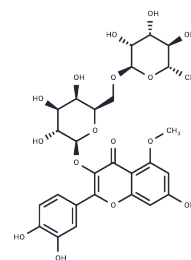


Floramanoside D

Chemical Properties

CAS No. :	1487423-55-1
Formula:	C ₂₈ H ₃₂ O ₁₆
Molecular Weight:	624.54
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	Floramanoside D is a flavonol glycoside that inhibits aldose reductase with an IC ₅₀ value of 2.2 μM and scavenges 2,2-diphenyl-1-picrylhydrazyl (DPPH) with an SC ₅₀ value of 12.5 μM.
Targets(IC ₅₀)	Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6012 mL	8.0059 mL	16.0118 mL
5 mM	0.3202 mL	1.6012 mL	3.2024 mL
10 mM	0.1601 mL	0.8006 mL	1.6012 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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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