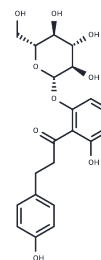


4'-Deoxyphlorizin

Chemical Properties

CAS No. :	4319-68-0
Formula:	C ₂₁ H ₂₄ O ₉
Molecular Weight:	420.41
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	4'-Deoxyphlorizin is an inhibitor of the glucose transport system, demonstrating effective activity in inhibiting phlorizin hydrolase with a Km value of 0.59 nM and a Ki value of 0.33 nM, respectively [1].
Targets(IC50)	Others, transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3786 mL	11.8932 mL	23.7863 mL
5 mM	0.4757 mL	2.3786 mL	4.7573 mL
10 mM	0.2379 mL	1.1893 mL	2.3786 mL
50 mM	0.0476 mL	0.2379 mL	0.4757 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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