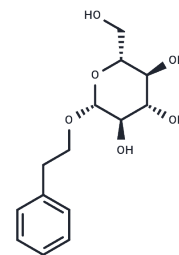


2-Phenylethyl β -D-glucopyranoside

Chemical Properties

CAS No. :	18997-54-1
Formula:	C ₁₄ H ₂₀ O ₆
Molecular Weight:	284.31
Storage:	Store under nitrogen, Store at low temperature 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	2-Phenylethyl β -D-glucopyranoside is a natural phenolic compound isolated from Piper crocatum exhibiting antifungal activity against Candida albicans.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5173 mL	17.5864 mL	35.1729 mL
5 mM	0.7035 mL	3.5173 mL	7.0346 mL
10 mM	0.3517 mL	1.7586 mL	3.5173 mL
50 mM	0.0703 mL	0.3517 mL	0.7035 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

Siswina T, et al. Phytochemical profiling of Piper crocatum and its antifungal mechanism action as Lanosterol 14 alpha demethylase CYP51 inhibitor: a review. F1000Res. 2022;11:1115. Published 2022 Sep 28.

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