

Peimisine 3-O- β -D-glucopyranoside

Chemical Properties

CAS No. : 1407161-78-7

Formula: C₃₃H₅₁N₀O₈

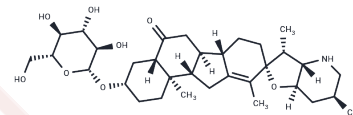
Molecular Weight: 589.76

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Peimisine 3-O- β -D-glucopyranoside is a steroidal alkaloid isolated from the bulb of <i>Monocarpus monocarpus</i> with partial neuroprotective activity, and can be used for the study of rotenone-induced neurotoxicity in the PC12 cell line.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6956 mL	8.478 mL	16.956 mL
5 mM	0.3391 mL	1.6956 mL	3.3912 mL
10 mM	0.1696 mL	0.8478 mL	1.6956 mL
50 mM	0.0339 mL	0.1696 mL	0.3391 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

Zhang QJ, et al. Steroidal alkaloids from the bulbs of *Fritillaria unibracteata*. *J Asian Nat Prod Res.* 2011 Dec;13(12): 1098-103.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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