

Pumiloside

Chemical Properties

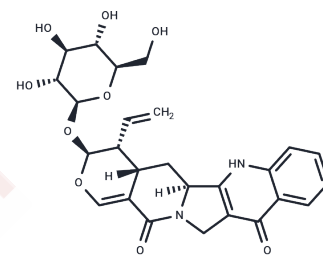
CAS No. : 126722-26-7

Formula: C₂₆H₂₈N₂O₉

Molecular Weight: 512.51

Storage: Store at low temperature, Keep away from moisture
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	Pumiloside ((3S)-Pumiloside) is a quinoline alkaloid glycoside that can be isolated from <i>Nauclea officinalis</i> . Pumiloside is an AchE inhibitor, which can be used in the study of Alzheimer's disease.
Targets(IC50)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9512 mL	9.7559 mL	19.5118 mL
5 mM	0.3902 mL	1.9512 mL	3.9024 mL
10 mM	0.1951 mL	0.9756 mL	1.9512 mL
50 mM	0.039 mL	0.1951 mL	0.3902 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

Liew SY, et al. Natural indole butyrylcholinesterase inhibitors from *Nauclea officinalis*. *Phytomedicine*. 2015 Jan 15; 22(1):45-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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