

Veratrosine

Chemical Properties

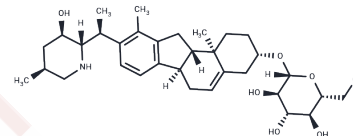
CAS No. : 475-00-3

Formula: C₃₃H₄₉N₇O₇

Molecular Weight: 571.74

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	Veratrosine (Veratramine-beta-D-glucoside) is an alkaloid isolated from the herbs of <i>Veratrum nigrum</i> . Veratrosine exhibits feeble inhibition activity against platelet aggregation.
Targets(IC50)	Platelet aggregation

Solubility Information

Solubility	DMSO: 90 mg/mL (157.41 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.749 mL	8.7452 mL	17.4905 mL
5 mM	0.3498 mL	1.749 mL	3.4981 mL
10 mM	0.1749 mL	0.8745 mL	1.749 mL
50 mM	0.035 mL	0.1749 mL	0.3498 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

Chandler CM, et al. Improved extraction and complete mass spectral characterization of steroidal alkaloids from *Veratrum californicum*. *Nat Prod Commun.* 2013 Aug;8(8):1059-64.

Tang J, et al. Antitumor and antiplatelet activity of alkaloids from *veratrum dahuricum*. *Phytother Res.* 2010 Jun;24(6):821-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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