

Chasmanine

Chemical Properties

CAS No. : 5066-78-4

Formula: C₂₅H₄₁NO₆

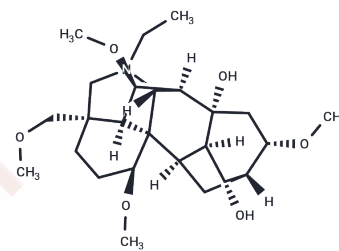
Molecular Weight: 451.6

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	Chasmanine is a natural diterpenoid alkaloid with an IC ₅₀ of 6.78 mg/L for Fe ²⁺ chelation activity and exhibits cytotoxicity against PC-3 and A-549 cells.
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2143 mL	11.0717 mL	22.1435 mL
5 mM	0.4429 mL	2.2143 mL	4.4287 mL
10 mM	0.2214 mL	1.1072 mL	2.2143 mL
50 mM	0.0443 mL	0.2214 mL	0.4429 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

Fengpeng W, et al. Alkaloids from roots of Aconitum crassicaule. Planta Med. 1981 Aug;42(8):375-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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