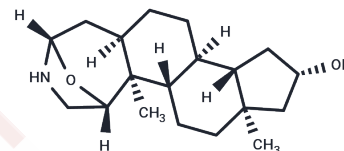


Samandarine

Chemical Properties

CAS No. :	467-51-6
Formula:	C ₁₉ H ₃₁ NO ₂
Molecular Weight:	305.45
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	Samandarine is the main steroidal alkaloid secreted by the fire salamander (<i>Salamandra salamandra</i>). The compound is extremely toxic and causes convulsions, respiratory paralysis, and eventual death.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2739 mL	16.3693 mL	32.7386 mL
5 mM	0.6548 mL	3.2739 mL	6.5477 mL
10 mM	0.3274 mL	1.6369 mL	3.2739 mL
50 mM	0.0655 mL	0.3274 mL	0.6548 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

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