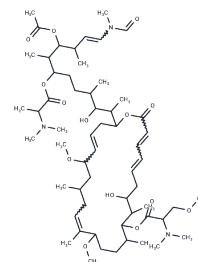


Aplyronine B

Chemical Properties

CAS No. :	151923-85-2
Formula:	C ₅₉ H ₁₀₁ N ₃ O ₁₄
Molecular Weight:	1076.45
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	Aplyronine B, an active compound, exhibits potent antitumor activity and demonstrates cytotoxicity against HeLa-S3 cells, with an IC ₅₀ value of 2.9 nM, making it suitable for cancer research [1].
In vitro	Aplyronine B exhibits cytotoxic activity against HeLa-S3 cells, with an IC ₅₀ value of 2 (units not specified).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.929 mL	4.6449 mL	9.2898 mL
5 mM	0.1858 mL	0.929 mL	1.858 mL
10 mM	0.0929 mL	0.4645 mL	0.929 mL
50 mM	0.0186 mL	0.0929 mL	0.1858 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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