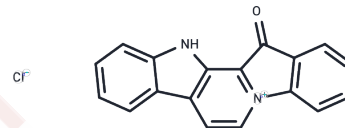


Fascaplysin chloride

Chemical Properties

CAS No. :	114719-57-2
Formula:	C ₁₈ H ₁₁ ClN ₂ O
Molecular Weight:	306.75
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	Fascaplysin is a cyclin D kinase 4/ cyclin D1 inhibitor (IC ₅₀ = 0.35 μM). Fascaplysin induces caspase mediated crosstalk between autophagy and apoptosis through the inhibition of PI3K/AKT/mTOR signaling cascade in human leukemia HL-60 cells.
Targets(IC ₅₀)	Apoptosis,Others,Reactive Oxygen Species,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.260 mL	16.2999 mL	32.5998 mL
5 mM	0.652 mL	3.260 mL	6.520 mL
10 mM	0.326 mL	1.630 mL	3.260 mL
50 mM	0.0652 mL	0.326 mL	0.652 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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