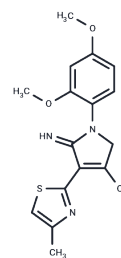


viFSP1

Chemical Properties

CAS No. :	951945-67-8
Formula:	C ₁₆ H ₁₇ N ₃ O ₃ S
Molecular Weight:	331.39
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	viFSP1, a species-independent FSP1 inhibitor, effectively induces ferroptosis in FSP1-dependent cells by targeting the highly conserved NAD(P)H binding pocket of FSP1, directly inhibiting its activity. This action results in lipid peroxidation and exhibits anticancer activity [1].
Targets(IC50)	Others,Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0176 mL	15.088 mL	30.1759 mL
5 mM	0.6035 mL	3.0176 mL	6.0352 mL
10 mM	0.3018 mL	1.5088 mL	3.0176 mL
50 mM	0.0604 mL	0.3018 mL	0.6035 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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