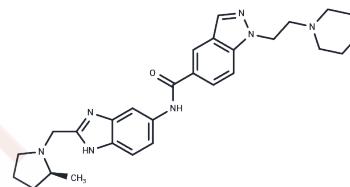


Eleven-Nineteen-Leukemia Protein IN-1

Chemical Properties

CAS No. :	2894121-68-5
Formula:	C ₂₇ H ₃₃ N ₇ O ₂
Molecular Weight:	487.6
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	Eleven-Nineteen-Leukemia Protein IN-1 is a potent inhibitor of the ENL YEATS domain with an IC ₅₀ of 14.5 nM, binding to the ENL protein and increasing its thermal stability in vitro [1].
Targets(IC ₅₀)	Epigenetic Reader Domain
In vitro	The Eleven-Nineteen-Leukemia Protein IN-1 (compound 13) exhibits inhibitory effects on MOLM-13 and MV4-11 cells, with IC ₅₀ values of 39.6 μM and 45.1 μM respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0509 mL	10.2543 mL	20.5086 mL
5 mM	0.4102 mL	2.0509 mL	4.1017 mL
10 mM	0.2051 mL	1.0254 mL	2.0509 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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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