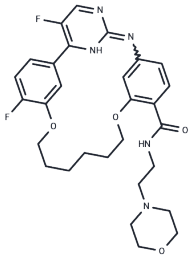
Data Sheet (Cat.No.T82757)

TargetMol

CDK9-IN-29

Chemical Properties



CAS No. : 2737262-24-5

Formula: C29H33F2N5O4

Molecular Weight: 553.6

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	CDK9-IN-29 (compound Z11) is a potent CDK9 inhibitor, demonstrating high kinase selectivity with an IC50 of 3.20 nM, effectively hindering cell proliferation and inducing apoptosis [1].
Targets(IC50)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8064 mL	9.0318 mL	18.0636 mL
5 mM	0.3613 mL	1.8064 mL	3.6127 mL
10 mM	0.1806 mL	0.9032 mL	1.8064 mL
50 mM	0.0361 mL	0.1806 mL	0.3613 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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