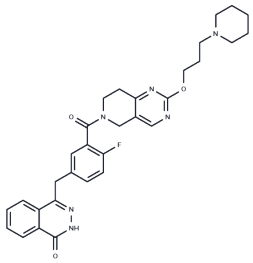
Data Sheet (Cat.No.T79265)

TargetMol

Antitumor agent-104

Chemical Properties



CAS No. : 2245272-16-4

Formula: C31H33FN6O3

Molecular Weight: 556.63

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	Antitumor Agent-104 (Compound 9) serves as an antineoplastic by impeding DNA repair mechanisms in tumor cells, primarily through the inhibition of PARP1 enzyme activity and reduction of PAR protein levels. Additionally, it suppresses CDK12 expression [1].
Targets(IC50)	CDK,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7965 mL	8.9826 mL	17.9653 mL
5 mM	0.3593 mL	1.7965 mL	3.5931 mL
10 mM	0.1797 mL	0.8983 mL	1.7965 mL
50 mM	0.0359 mL	0.1797 mL	0.3593 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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