

Polθ-IN-5

## Chemical Properties

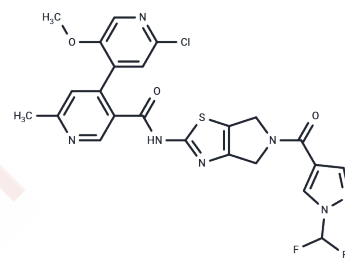
CAS No. : 3058636-12-4

Formula: C<sub>23</sub>H<sub>18</sub>ClF<sub>2</sub>N<sub>7</sub>O<sub>3</sub>S

Molecular Weight: 545.95

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	Polθ-IN-5 (Compound 139) is an inhibitor of DNA polymerase theta (Polθ) that exhibits antitumor activity.
Targets(IC50)	DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8317 mL	9.1583 mL	18.3167 mL
5 mM	0.3663 mL	1.8317 mL	3.6633 mL
10 mM	0.1832 mL	0.9158 mL	1.8317 mL
50 mM	0.0366 mL	0.1832 mL	0.3663 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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