

KWR095

Chemical Properties

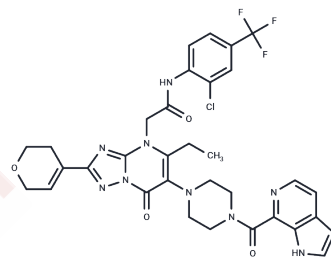
CAS No. : 3057980-16-9

Formula: C₃₃H₃₁ClF₃N₉O₄

Molecular Weight: 710.105

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	KWR095 is an orally active inhibitor of WRN, demonstrating an IC ₅₀ of 0.032 μM against WRN ATPase. It disrupts the double-stranded helicase activity of WRN and inhibits tumor cell proliferation, exhibiting antitumor properties.
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4082 mL	7.0412 mL	14.0823 mL
5 mM	0.2816 mL	1.4082 mL	2.8165 mL
10 mM	0.1408 mL	0.7041 mL	1.4082 mL
50 mM	0.0282 mL	0.1408 mL	0.2816 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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