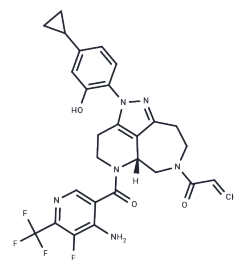


MOMA-341

Chemical Properties

CAS No. :	3078276-74-8
Formula:	C ₂₈ H ₂₆ F ₄ N ₆ O ₃
Molecular Weight:	570.54
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	MOMA-341 is a selective, ATP-competitive WRN allosteric inhibitor that binds to the cysteine 727 site of WRN. It induces DNA damage, cell death, and tumor regression in dMMR/MSI-H mouse models and can be used to study advanced and metastatic solid tumors.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7527 mL	8.7636 mL	17.5273 mL
5 mM	0.3505 mL	1.7527 mL	3.5055 mL
10 mM	0.1753 mL	0.8764 mL	1.7527 mL
50 mM	0.0351 mL	0.1753 mL	0.3505 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.

Reference

Tubbs A, et al. Abstract 4205: Direct measurement of TA repeat expansions significantly outperforms MSI-H status as a predictor of sensitivity to the novel WRN inhibitor MOMA-341. Cancer Research. 2025;85(8_Supplement_1):4205-4205.

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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