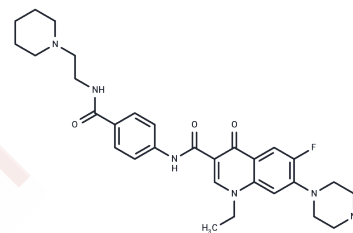


## microRNA-21-IN-1

## Chemical Properties

CAS No. :	2848720-31-8
Formula:	C30H37FN6O3
Molecular Weight:	548.65
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	MicroRNA-21-IN-1 (compound 7A) is an effective inhibitor of microRNA with antiproliferative effects on Hela and HCT-116 cells, showing IC50 values of 5.5 $\mu$ M and 2.8 $\mu$ M, respectively. It also induces apoptosis in Hela cells and increases the expression of PTEN, EGR1, and SLIT2, which are functional targets downstream of microRNA-21. This compound holds potential for anticancer research [1].
Targets(IC50)	Apoptosis,Others,MicroRNA

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8227 mL	9.1133 mL	18.2266 mL
5 mM	0.3645 mL	1.8227 mL	3.6453 mL
10 mM	0.1823 mL	0.9113 mL	1.8227 mL
50 mM	0.0365 mL	0.1823 mL	0.3645 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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