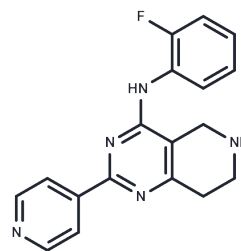


ARN21929

## Chemical Properties

CAS No. : 2230854-98-3  
 Formula: C<sub>18</sub>H<sub>16</sub>FN<sub>5</sub>  
 Molecular Weight: 321.35  
 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	ARN21929 is a topoisomerase II (Topoisomerasell) inhibitor with an IC <sub>50</sub> of 4.5 μM. It exhibits favorable kinetic and thermodynamic solubility and metabolic stability. However, ARN21929 shows poor antiproliferative activity against A549, DU145, MCF7, HeLa, and A375 cells. It is useful for tumor research.
Targets(IC <sub>50</sub> )	Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1119 mL	15.5594 mL	31.1187 mL
5 mM	0.6224 mL	3.1119 mL	6.2237 mL
10 mM	0.3112 mL	1.5559 mL	3.1119 mL
50 mM	0.0622 mL	0.3112 mL	0.6224 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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