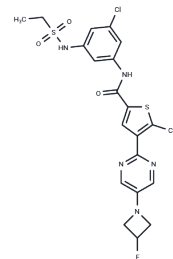


DHX9-IN-9

## Chemical Properties

CAS No. : 2973400-46-1  
 Formula: C<sub>21</sub>H<sub>21</sub>ClFN<sub>5</sub>O<sub>3</sub>S<sub>2</sub>  
 Molecular Weight: 510  
 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	DHX9-IN-9 (509) acts as an inhibitor of the RNA helicase DHX9, demonstrating an EC <sub>50</sub> of 0.0177 $\mu$ M in DHX9 cellular target engagement, primarily utilized in cancer research [1].
Targets(IC <sub>50</sub> )	DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9608 mL	9.8039 mL	19.6078 mL
5 mM	0.3922 mL	1.9608 mL	3.9216 mL
10 mM	0.1961 mL	0.9804 mL	1.9608 mL
50 mM	0.0392 mL	0.1961 mL	0.3922 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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