

DHX9-IN-11

## Chemical Properties

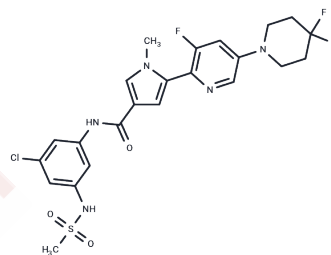
CAS No. : 2973402-91-2

Formula: C<sub>23</sub>H<sub>23</sub>ClF<sub>3</sub>N<sub>5</sub>O<sub>3</sub>S

Molecular Weight: 541.97

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-11 (469) serves as an inhibitor of the RNA helicase DHX9, exhibiting an EC 50 value of 0.0838 $\mu$ M in assays measuring cellular target engagement. This compound is utilized in cancer research [1]. |
| Targets(IC50) | DNA/RNA Synthesis   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.8451 mL | 9.2256 mL | 18.4512 mL |
| 5 mM  | 0.369 mL  | 1.8451 mL | 3.6902 mL  |
| 10 mM | 0.1845 mL | 0.9226 mL | 1.8451 mL  |
| 50 mM | 0.0369 mL | 0.1845 mL | 0.369 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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