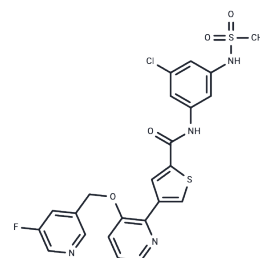


DHX9-IN-6

Chemical Properties

CAS No. : 2973401-56-6
 Formula: C₂₃H₁₈ClFN₄O₄S₂
 Molecular Weight: 533
 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-6 is a highly effective ATP-dependent RNA helicase A (DHX9) inhibitor, used in cancer research.
Targets(IC50)	DNA/RNA Synthesis
In vitro	DHX9-IN-6 (Compound 620) is an ATP-dependent inhibitor of RNA helicolytic enzyme A (DHX9). [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8762 mL	9.3809 mL	18.7617 mL
5 mM	0.3752 mL	1.8762 mL	3.7523 mL
10 mM	0.1876 mL	0.9381 mL	1.8762 mL
50 mM	0.0375 mL	0.1876 mL	0.3752 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

DANIELS Matthew H., et al. Preparation of imidazopyridines, thienopyrimidines, pyrrolopyrimidines and related heterocycles as inhibitors of RNA helicase DHX9 useful in treatment of cancers. World Intellectual Property Organization, WO2023154519 A1 2023-08-17

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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