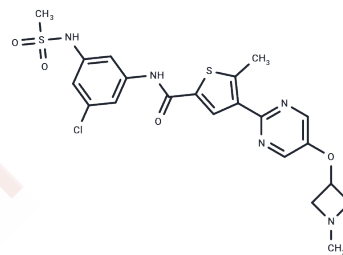


DHX9-IN-4

Chemical Properties

CAS No. : 2973401-45-3
 Formula: C₂₁H₂₂ClN₅O₄S₂
 Molecular Weight: 508.01
 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-4 is an ATP-dependent RNA helicase DHX9 inhibitor used in cancer research.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9685 mL	9.8423 mL	19.6847 mL
5 mM	0.3937 mL	1.9685 mL	3.9369 mL
10 mM	0.1968 mL	0.9842 mL	1.9685 mL
50 mM	0.0394 mL	0.1968 mL	0.3937 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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