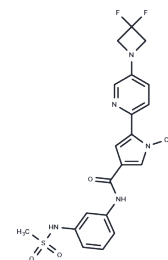


DHX9-IN-1

Chemical Properties

CAS No. :	2973747-89-4
Formula:	C ₂₁ H ₂₁ F ₂ N ₅ O ₃ S
Molecular Weight:	461.49
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-1 is an inhibitor of ATP-dependent RNA helicase DHX9, with an intracellular EC ₅₀ value of 6.94 μM. DHX9-IN-1 exhibits antitumor activity and can be used for the research of DHX9-related cancers.
Targets(IC ₅₀)	DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 80 mg/mL (173.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1669 mL	10.8345 mL	21.6689 mL
5 mM	0.4334 mL	2.1669 mL	4.3338 mL
10 mM	0.2167 mL	1.0834 mL	2.1669 mL
50 mM	0.0433 mL	0.2167 mL	0.4334 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, et al. Preparation of N-sulfonamidophenyl carboxamides as inhibitors of RNA helicase DHX9 and uses thereof. World Intellectual Property Organization, WO2023158795 A1 2023-08-24

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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