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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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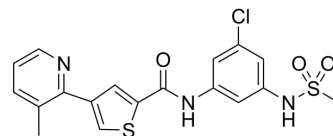
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DHX9-IN-2

Cat. No.:	HY-156784
CAS No.:	2973395-71-8
Molecular Formula:	C ₁₈ H ₁₆ ClN ₃ O ₃ S ₂
Molecular Weight:	421.92
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (237.01 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.3701 mL	11.8506 mL	23.7012 mL
		5 mM		0.4740 mL	2.3701 mL	4.7402 mL
		10 mM		0.2370 mL	1.1851 mL	2.3701 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (5.93 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (5.93 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	DHX9-IN-2 (example 31) is an inhibitor of ATP-dependent RNA helicase A (DHX9), with the IC ₅₀ of 0.0698 nM that has antitumor activity ^[1] .
IC ₅₀ & Target	0.0698 nM (DHX9) ^[1]

REFERENCES

[1]. DANIELS Matthew H., et al. Preparation of imidazopyridines, thienopyrimidines, pyrrolopyrimidines and related heterocycles as inhibitors of RNA helicase DHX9 useful

Caution: Product has not been fully validated for medical applications. For research use only.

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