



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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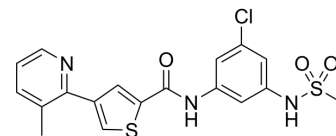
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## DHX9-IN-2

Cat. No.:	HY-156784		
CAS No.:	2973395-71-8		
Molecular Formula:	C <sub>18</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>3</sub> S <sub>2</sub>		
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)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
	Preparing Stock Solutions	1 mM	2.3701 mL	11.8506 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 <sub>50</sub> of 0.0698 nM that has antitumor activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	0.0698 nM (DHX9) <sup>[1]</sup>

## 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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