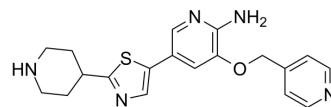


HPK1-IN-26

Cat. No.:	HY-144093		
CAS No.:	2229042-24-2		
Molecular Formula:	C ₁₉ H ₂₁ N ₅ O ₅		
Molecular Weight:	367.47		
Target:	MAP4K		
Pathway:	MAPK/ERK Pathway		
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 (272.13 mM; ultrasonic and warming and heat to 80°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.7213 mL	13.6066 mL	27.2131 mL
		5 mM	0.5443 mL	2.7213 mL	5.4426 mL
10 mM		0.2721 mL	1.3607 mL	2.7213 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 (6.80 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.80 mM); Clear solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (6.80 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	HPK1-IN-26 is a HPK1 and GLK inhibitor extracted from patent WO2021254118A1 compound 1. HPK1-IN-26 can be used for the research of animal pathogen infection ^[1] .		
IC ₅₀ & Target	HPK1	GLK	

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA