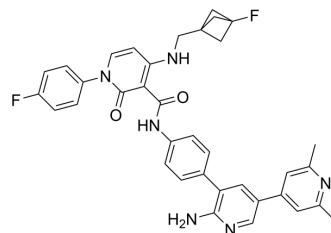


DS21150768

Cat. No.:	HY-157149		
Molecular Formula:	C ₃₆ H ₃₂ F ₂ N ₆ O ₂		
Molecular Weight:	618.68		
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 (161.63 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.6163 mL	8.0817 mL	16.1634 mL
		5 mM		0.3233 mL	1.6163 mL	3.2327 mL
10 mM		0.1616 mL	0.8082 mL	1.6163 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 (4.04 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.04 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	DS21150768 is a potent, orally active HPK1 inhibitor. DS21150768 shows potent activity to enhance T-cell function. DS21150768 has anticancer effects ^[1] .
IC₅₀ & Target	HPK1

REFERENCES

[1]. Genzui Setsu, et al. Highly potent, orally active novel small-molecule HPK1 inhibitor DS21150768 induces anti-tumor responses in multiple syngeneic tumor mouse models. Eur J Pharmacol. 2023 Nov 8;961:176184.

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