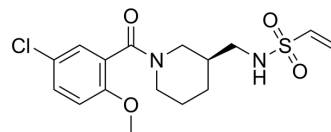


Kras4B G12D-IN-1

Cat. No.:	HY-153413		
CAS No.:	2042365-85-3		
Molecular Formula:	C ₁₆ H ₂₁ ClN ₂ O ₄ S		
Molecular Weight:	372.87		
Target:	Ras		
Pathway:	GPCR/G Protein		
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 (268.19 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6819 mL	13.4095 mL	26.8190 mL
		5 mM	0.5364 mL	2.6819 mL	5.3638 mL
10 mM		0.2682 mL	1.3410 mL	2.6819 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (6.70 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.70 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (6.70 mM); Clear solution; Need ultrasonic 				

BIOLOGICAL ACTIVITY

Description	Kras4B G12D-IN-1 is a Kras4B G12D inhibitor with anticancer effects. Kras4B G12D-IN-1 decreases Kras protein expression in mouse embryonic fibroblasts (MEF) expressing Kras4B G12D (WO2016179558A1, Comp 994566) ^[1] .
IC₅₀ & Target	KRas G12D

REFERENCES

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

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