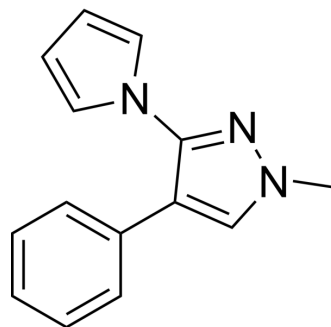


PK7088

Cat. No.:	HY-120122		
CAS No.:	1446352-67-5		
Molecular Formula:	C ₁₄ H ₁₃ N ₃		
Molecular Weight:	223.27		
Target:	Others		
Pathway:	Others		
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 : 200 mg/mL (895.78 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.4789 mL	22.3944 mL	44.7888 mL
	5 mM	0.8958 mL	4.4789 mL	8.9578 mL
	10 mM	0.4479 mL	2.2394 mL	4.4789 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 5 mg/mL (22.39 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 5 mg/mL (22.39 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 5 mg/mL (22.39 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

PK7088 is a pyrazole and a specific peptide. PK7088 supports the reactivation of mutant p53 by converting it to a form exhibiting wild-type properties. PK7088 exhibit anticancer activity in cancer research^[1].

REFERENCES

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

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