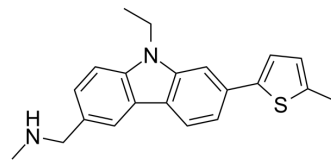


## PK9327

Cat. No.:	HY-145937		
CAS No.:	2413987-20-7		
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>2</sub> S		
Molecular Weight:	334.48		
Target:	MDM-2/p53		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 10 mg/mL (29.90 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9897 mL	14.9486 mL	29.8972 mL
	5 mM	0.5979 mL	2.9897 mL	5.9794 mL
	10 mM	0.2990 mL	1.4949 mL	2.9897 mL

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

## BIOLOGICAL ACTIVITY

### Description

PK9327 is a small-molecule stabilizer targeting cavity-creating p53 cancer mutations.

## REFERENCES

[1]. Bauer MR, et al. Targeting Cavity-Creating p53 Cancer Mutations with Small-Molecule Stabilizers: the Y220X Paradigm. ACS Chem Biol. 2020 Mar 20;15(3):657-668.

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

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