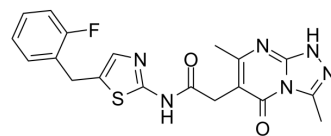


HPK1-IN-8

Cat. No.:	HY-132926
CAS No.:	1214561-09-7
Molecular Formula:	C ₁₉ H ₁₇ FN ₆ O ₂ S
Molecular Weight:	412.44
Target:	MAP4K
Pathway:	MAPK/ERK Pathway
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (24.25 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4246 mL	12.1230 mL	24.2460 mL
	5 mM	0.4849 mL	2.4246 mL	4.8492 mL
	10 mM	0.2425 mL	1.2123 mL	2.4246 mL

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

BIOLOGICAL ACTIVITY

Description

HPK1-IN-8 is an allosteric, inactive conformation-selective inhibitor of full-length HPK1.

REFERENCES

[1]. Wang W, et al. Discovery of an Allosteric, Inactive Conformation-Selective Inhibitor of Full-Length HPK1 Utilizing a Kinase Cascade Assay. *Biochemistry*. 2021 Oct 19;60(41):3114-3124.

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

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