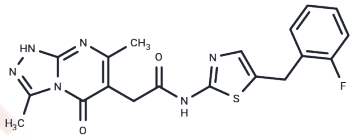
Data Sheet (Cat.No.T38599)

TargetMol

HPK1-IN-8

Chemical Properties



CAS No. : 1214561-09-7

Formula: C19H17FN6O2S

Molecular Weight: 412.44

Storage: Store at low temperature,Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	HPK1-IN-8 is an allosteric, inactive, conformation-selective triazolopyrimidine ketone HPK1 inhibitor.
Targets(IC50)	Others,MAPK
In vitro	HPK1-IN-8 is an allosteric HPK1 inhibitor that attenuates kinase autophosphorylation by binding to a pocket consisting of residues inside and outside the kinase domain.[1]

Solubility Information

Solubility	DMSO: 8 mg/mL (19.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4246 mL	12.123 mL	24.246 mL
5 mM	0.4849 mL	2.4246 mL	4.8492 mL
10 mM	0.2425 mL	1.2123 mL	2.4246 mL
50 mM	0.0485 mL	0.2425 mL	0.4849 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481