

HPK1-IN-57

## Chemical Properties

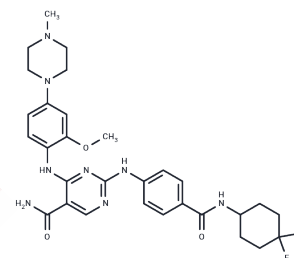
CAS No. :

Formula: C30H36F2N8O3

Molecular Weight: 594.655

Storage: 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-57 (Compound 10c) is an inhibitor of hematopoietic progenitor kinase 1 (HPK1) with an IC50 of 0.09 nM. It suppresses the activity of HPK1 kinase, inhibits the phosphorylation of downstream adaptor protein SLP76 (IC50 of 33.74 nM), and effectively induces the secretion of the T cell activation marker IL-2 (EC50 of 84.24 nM). HPK1-IN-57 holds promise for research in tumor immunotherapy.
Targets(IC50)	MAPK, Interleukin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6816 mL	8.4082 mL	16.8163 mL
5 mM	0.3363 mL	1.6816 mL	3.3633 mL
10 mM	0.1682 mL	0.8408 mL	1.6816 mL
50 mM	0.0336 mL	0.1682 mL	0.3363 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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