

HPK1-IN-35

## Chemical Properties

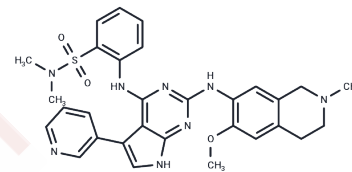
CAS No. : 2935903-77-6

Formula: C30H32N8O3S

Molecular Weight: 584.69

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-35 is a potent, selective inhibitor of HPK1, demonstrating an IC50 value of 3.5 nM. This compound reduces p-SLP76 expression and facilitates the secretion of IL-2 [1].
Targets(IC50)	Others,MAPK
In vitro	HPK1-IN-35 (compound 31) reduces anti-CD3 antibody (1 µg/mL)-stimulated p-SLP76 expression dose-dependently at concentrations of 0.1, 0.3, 1, and 3 µM after 1 hour of treatment [1]. Furthermore, HPK1-IN-35 enhances IL-2 secretion from Jurkat cells in a dose-dependent manner within the range of 0-10 µM over 24 hours, with an EC50 value of 1.19 µM [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7103 mL	8.5515 mL	17.1031 mL
5 mM	0.3421 mL	1.7103 mL	3.4206 mL
10 mM	0.171 mL	0.8552 mL	1.7103 mL
50 mM	0.0342 mL	0.171 mL	0.3421 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481