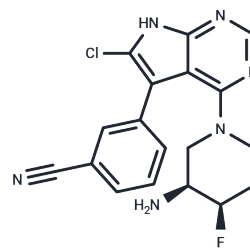


HPK1-IN-33

## Chemical Properties

CAS No. : 2920000-86-6  
 Formula: C<sub>18</sub>H<sub>16</sub>ClFN<sub>6</sub>  
 Molecular Weight: 370.81  
 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-33 (compound 21), a Hematopoietic Progenitor Kinase 1 (HPK1) inhibitor, exhibits a high potency with a $K_i$ of 1.7 nM. It effectively inhibits IL-2 production, demonstrating EC <sub>50</sub> values of 286 nM in Jurkat WT cells and >10000 nM in Jurkat HPK1 KO cells [1].
Targets(IC50)	Others,MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6968 mL	13.484 mL	26.968 mL
5 mM	0.5394 mL	2.6968 mL	5.3936 mL
10 mM	0.2697 mL	1.3484 mL	2.6968 mL
50 mM	0.0539 mL	0.2697 mL	0.5394 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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