

HPK1-IN-56

Chemical Properties

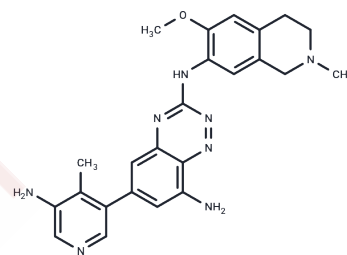
CAS No. : 2901054-39-3

Formula: C₂₄H₂₆N₈O

Molecular Weight: 442.516

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-56 (Compound A29) is an HPK1 inhibitor with an IC ₅₀ of 2.70 nM. It inhibits downstream p-SLP76 in Jurkat T cells with an IC ₅₀ of 8.1 nM. Additionally, HPK1-IN-56 induces IL-2 production in human PBMCs. This compound exhibits anticancer properties, enhancing T cell cytotoxicity and the antitumor efficacy of anti-PD-1 antibodies.
Targets(IC ₅₀)	MAPK, Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2598 mL	11.2989 mL	22.5978 mL
5 mM	0.452 mL	2.2598 mL	4.5196 mL
10 mM	0.226 mL	1.1299 mL	2.2598 mL
50 mM	0.0452 mL	0.226 mL	0.452 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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