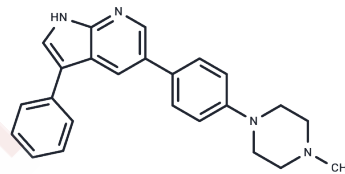


HPK1-IN-18

Chemical Properties

CAS No. : 2403598-42-3
 Formula: C₂₄H₂₄N₄
 Molecular Weight: 368.47
 Storage: Store at low temperature
 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-18 is a selective and potent inhibitor of HPK1. HPK1 negatively regulates T-cell receptors in the cancer immune cycle and is associated with immune responses to cancer.
Targets(IC50)	MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7139 mL	13.5696 mL	27.1393 mL
5 mM	0.5428 mL	2.7139 mL	5.4279 mL
10 mM	0.2714 mL	1.357 mL	2.7139 mL
50 mM	0.0543 mL	0.2714 mL	0.5428 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

Chen H, Guan X, He C, Lu T, Lin X, Liao X. Current strategies for targeting HPK1 in cancer and the barriers to preclinical progress. *Expert Opin Ther Targets*. 2024 Apr;28(4):237-250.
 Sawasdikosol S, Burakoff S. A perspective on HPK1 as a novel immuno-oncology drug target. *Elife*. 2020 Sep 8;9:e55122.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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