

PDHK-IN-4

Chemical Properties

CAS No. :

Formula: C₂₄H₂₅N₅O₃

Molecular Weight: 431.49

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	PDHK-IN-4 (Compound 30) is a potent inhibitor of PDHK, targeting PDHK2 (IC ₅₀ : 0.0051 μM) and PDHK4 (IC ₅₀ : 0.0122 μM), with potential applications in cancer research.
Targets(IC ₅₀)	Others,Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3176 mL	11.5878 mL	23.1755 mL
5 mM	0.4635 mL	2.3176 mL	4.6351 mL
10 mM	0.2318 mL	1.1588 mL	2.3176 mL
50 mM	0.0464 mL	0.2318 mL	0.4635 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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