

IRAK4-IN-9

Chemical Properties

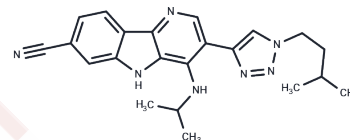
CAS No. : 2681278-07-7

Formula: C₂₂H₂₅N₇

Molecular Weight: 387.48

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	IRAK4-IN-9 (compound 73) is a highly potent IRAK4 inhibitor with an IC ₅₀ value of 1.5 nM, effectively blocking MyD88-dependent signaling and showing significant potential for researching inflammatory diseases, autoimmune diseases, and cancer [1].
Targets(IC ₅₀)	Others,IRAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5808 mL	12.9039 mL	25.8078 mL
5 mM	0.5162 mL	2.5808 mL	5.1616 mL
10 mM	0.2581 mL	1.2904 mL	2.5808 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 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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