

IRAK4-IN-18

Chemical Properties

CAS No. :

Formula: C₂₄H₂₅FN₆O₃

Molecular Weight: 464.49

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	IRAK4-IN-18 is a potent inhibitor of interleukin 1 receptor-associated kinase 4 (IRAK4) (IC ₅₀ : 15 nM). It inhibits LPS-induced IL23 production in THP and DC cells and blocks the development of arthritis in rats, making it useful for studying arthritic diseases.
Targets(IC ₅₀)	Others,IRAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1529 mL	10.7645 mL	21.529 mL
5 mM	0.4306 mL	2.1529 mL	4.3058 mL
10 mM	0.2153 mL	1.0764 mL	2.1529 mL
50 mM	0.0431 mL	0.2153 mL	0.4306 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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