

NLRP3-IN-62

Chemical Properties

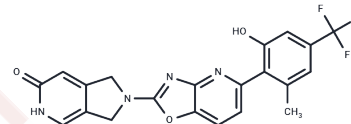
CAS No. : 3059965-71-5

Formula: C₂₁H₁₅F₃N₄O₃

Molecular Weight: 428.36

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	NLRP3-IN-62 (Compound 1) is an inhibitor of NLRP3. It effectively inhibits pyroptosis in THP-1 cells with an IC ₅₀ of 0.7 nM and suppresses IL-β release with an IC ₅₀ of 108.5 nM.
Targets(IC ₅₀)	NOD-like Receptor (NLR), Pyroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3345 mL	11.6724 mL	23.3449 mL
5 mM	0.4669 mL	2.3345 mL	4.669 mL
10 mM	0.2334 mL	1.1672 mL	2.3345 mL
50 mM	0.0467 mL	0.2334 mL	0.4669 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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