

NLRP3-IN-61

Chemical Properties

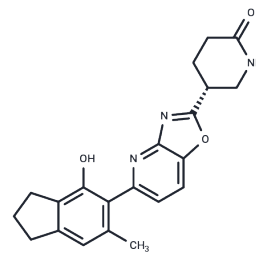
CAS No. : 3060585-94-3

Formula: C₂₁H₂₁N₃O₃

Molecular Weight: 363.41

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-61 (Compound 1) is an inhibitor of NLRP3. It suppresses pyroptosis in THP-1 cells with an IC ₅₀ of 12.6 nM and inhibits IL-β release with an IC ₅₀ of 25.3 nM.
Targets(IC ₅₀)	NOD-like Receptor (NLR), Pyroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7517 mL	13.7586 mL	27.5171 mL
5 mM	0.5503 mL	2.7517 mL	5.5034 mL
10 mM	0.2752 mL	1.3759 mL	2.7517 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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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