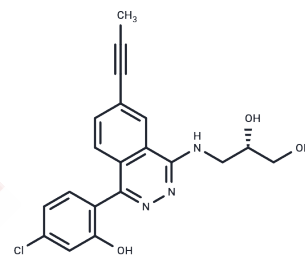


NLRP3-IN-56

Chemical Properties

CAS No. :	3048421-42-4
Formula:	C ₂₀ H ₁₈ ClN ₃ O ₃
Molecular Weight:	383.83
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-56 (compound 062) is an inhibitor of NLRP3. It effectively suppresses the secretion of IL-1 β in THP-1 cells, demonstrating an IC ₅₀ of 9.7 nM. NLRP3-IN-56 is useful for research into NLRP3-mediated symptoms and/or diseases.
Targets(IC ₅₀)	NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6053 mL	13.0266 mL	26.0532 mL
5 mM	0.5211 mL	2.6053 mL	5.2106 mL
10 mM	0.2605 mL	1.3027 mL	2.6053 mL
50 mM	0.0521 mL	0.2605 mL	0.5211 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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