

NLRP3-IN-21

Chemical Properties

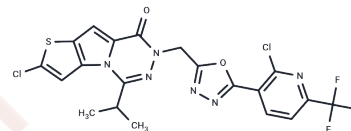
CAS No. : 2956791-61-8

Formula: C₂₀H₁₃Cl₂F₃N₆O₂S

Molecular Weight: 529.32

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-21 (compound L38) is an inhibitor of the NLRP3 inflammasome with anti-inflammatory properties, suppressing inflammasome activation and pyroptosis by inhibiting gasdermin D cleavage, ASC oligomerization, and NLRP3 inflammasome assembly [1].
Targets(IC50)	NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8892 mL	9.4461 mL	18.8922 mL
5 mM	0.3778 mL	1.8892 mL	3.7784 mL
10 mM	0.1889 mL	0.9446 mL	1.8892 mL
50 mM	0.0378 mL	0.1889 mL	0.3778 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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