

NLRP3-IN-28

Chemical Properties

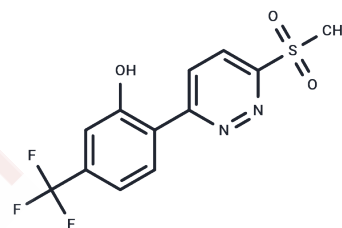
CAS No. : 2922814-80-8

Formula: C₁₂H₉F₃N₂O₃S

Molecular Weight: 318.27

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-28 (compound N77) serves as a potent inhibitor of NLRP3, effectively blocking Nigericin-induced pyroptosis with an EC ₅₀ of 0.07 μM. Additionally, it mitigates inflammatory reactions in vivo [1].
Targets(IC50)	NOD-like Receptor (NLR), Pyroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.142 mL	15.7099 mL	31.4199 mL
5 mM	0.6284 mL	3.142 mL	6.284 mL
10 mM	0.3142 mL	1.571 mL	3.142 mL
50 mM	0.0628 mL	0.3142 mL	0.6284 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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