

JT001 sodium

Chemical Properties

CAS No. :	2238820-09-0
Formula:	C19H22N4NaO4S
Molecular Weight:	425.46
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	JT001 (NLRP3-IN-19) sodium is a potent, specific, and orally active NLRP3 inhibitor that impedes NLRP3 inflammasome assembly, curbing cytokine release and averting pyroptosis. It is utilized in research focused on nonalcoholic steatohepatitis and liver fibrosis [1].
Targets(IC50)	NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3504 mL	11.752 mL	23.504 mL
5 mM	0.4701 mL	2.3504 mL	4.7008 mL
10 mM	0.235 mL	1.1752 mL	2.3504 mL
50 mM	0.047 mL	0.235 mL	0.4701 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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