

NP3-562

Chemical Properties

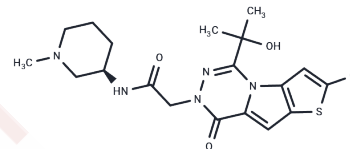
CAS No. : 2409825-32-5

Formula: C₁₉H₂₄ClN₅O₃S

Molecular Weight: 437.94

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	NP3-562 is a powerful, orally administered tricyclic NLRP3 inhibitor, demonstrating an IC ₅₀ of 214 nM. At a dosage of 30 mg/kg given orally (p.o.), NP3-562 effectively suppresses IL-1 β release in a mouse model of acute peritonitis [1].
Targets(IC50)	NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2834 mL	11.4171 mL	22.8342 mL
5 mM	0.4567 mL	2.2834 mL	4.5668 mL
10 mM	0.2283 mL	1.1417 mL	2.2834 mL
50 mM	0.0457 mL	0.2283 mL	0.4567 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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