

NLRP3-IN-69

Chemical Properties

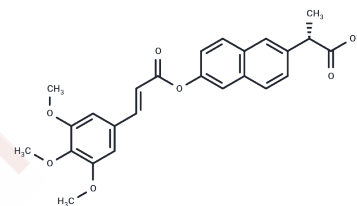
CAS No. : 3027608-60-9

Formula: C₂₅H₂₄O₇

Molecular Weight: 436.454

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-69 (Compound 23) inhibits the activation of NF-κBp65 and the formation of the NLRP3 inflammasome. It suppresses the overexpression of IL-1β, iNOS, and COX-2 induced by LPS, and inhibits the production of NO (IC ₅₀ =5.66 μM), thereby demonstrating anti-inflammatory activity.
Targets(IC ₅₀)	NF-κB,NOD-like Receptor (NLR),NO Synthase,COX,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2912 mL	11.4561 mL	22.9121 mL
5 mM	0.4582 mL	2.2912 mL	4.5824 mL
10 mM	0.2291 mL	1.1456 mL	2.2912 mL
50 mM	0.0458 mL	0.2291 mL	0.4582 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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