

NLRP3-IN-14

Chemical Properties

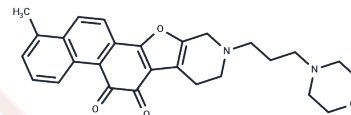
CAS No. : 2767369-80-0

Formula: C₂₇H₂₈N₂O₄

Molecular Weight: 444.52

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-14 is a potent, selective inhibitor of the NLRP3 inflammasome, displaying a dissociation constant (K _D) of 5.87 μM and an IC ₅₀ of 0.131 μM for inhibiting IL-1β release. It is applicable for inflammation research.
Targets(IC ₅₀)	Others, NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2496 mL	11.2481 mL	22.4962 mL
5 mM	0.4499 mL	2.2496 mL	4.4992 mL
10 mM	0.225 mL	1.1248 mL	2.2496 mL
50 mM	0.045 mL	0.225 mL	0.4499 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481