

## NLRP3-IN-60

## Chemical Properties

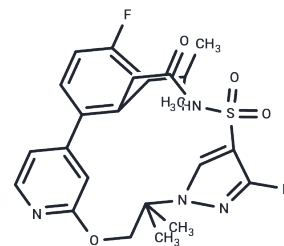
CAS No. :

Formula: C<sub>23</sub>H<sub>24</sub>F<sub>2</sub>N<sub>4</sub>O<sub>4</sub>S

Molecular Weight: 490.523

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-60 (Compound 39) is an orally bioavailable inhibitor of NLRP3. It effectively suppresses pyroptosis in THP-1 cells with an IC <sub>50</sub> of 13 nM and inhibits IL-1β release in human whole blood, exhibiting an IC <sub>50</sub> of 225 nM.
Targets(IC <sub>50</sub> )	NOD-like Receptor (NLR),Pyroptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0387 mL	10.1933 mL	20.3865 mL
5 mM	0.4077 mL	2.0387 mL	4.0773 mL
10 mM	0.2039 mL	1.0193 mL	2.0387 mL
50 mM	0.0408 mL	0.2039 mL	0.4077 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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