

## NLRP3-IN-15

## Chemical Properties

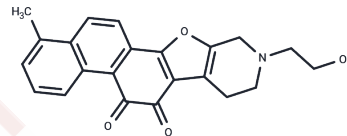
CAS No. : 2767369-71-9

Formula: C<sub>22</sub>H<sub>19</sub>NO<sub>4</sub>

Molecular Weight: 361.39

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-15 is a potent, selective inhibitor of the NLRP3 inflammasome, demonstrating efficacy by inhibiting IL-1 $\beta$ (interleukin-1 beta) release with an IC <sub>50</sub> value of 0.114 $\mu$ M. This compound is utilized in the research of inflammation.
Targets(IC <sub>50</sub> )	Others, NOD-like Receptor (NLR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7671 mL	13.8355 mL	27.6709 mL
5 mM	0.5534 mL	2.7671 mL	5.5342 mL
10 mM	0.2767 mL	1.3835 mL	2.7671 mL
50 mM	0.0553 mL	0.2767 mL	0.5534 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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