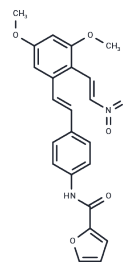


## NLRP3-IN-8

## Chemical Properties

CAS No. :	2768650-56-0
Formula:	C23H20N2O6
Molecular Weight:	420.41
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-8 (compound 27), an orally active NLRP3 inflammasome inhibitor, directly binds to its target with an IC <sub>50</sub> of 1.23 μM for IL-1β inhibition. It demonstrates robust metabolic stability in liver microsomes (t <sub>1/2</sub> = 138.63 min) and exhibits minimal toxicity (against L02: IC <sub>50</sub> > 100 μM) [1].
Targets(IC <sub>50</sub> )	Others,NOD-like Receptor (NLR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3786 mL	11.8932 mL	23.7863 mL
5 mM	0.4757 mL	2.3786 mL	4.7573 mL
10 mM	0.2379 mL	1.1893 mL	2.3786 mL
50 mM	0.0476 mL	0.2379 mL	0.4757 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481