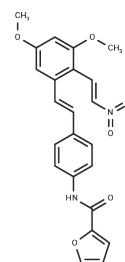


NLRP3-IN-8

Chemical Properties

CAS No. :	2768650-56-0
Formula:	C23H20N2O6
Molecular Weight:	420.41
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	NLRP3-IN-8 (compound 27), an orally active NLRP3 inflammasome inhibitor, directly binds to its target with an IC ₅₀ of 1.23 µM for IL-1β inhibition. It demonstrates robust metabolic stability in liver microsomes (t _{1/2} = 138.63 min) and exhibits minimal toxicity (against L02: IC ₅₀ > 100 µM) [1].
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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