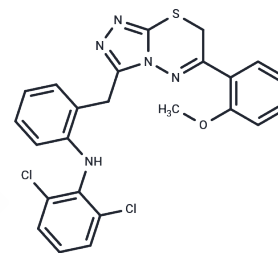


## COX-2/NLRP3-IN-1

## Chemical Properties

CAS No. :	3057274-61-7
Formula:	C <sub>24</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	496.41
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	COX-2/NLRP3-IN-1 (Compound 6k) is an inhibitor that targets COX-2 and NLRP3, exhibiting an IC <sub>50</sub> value of 1.53 μM for COX-2. This compound exerts anti-inflammatory effects by inhibiting the NF-κB/NLRP3 signaling pathway.
Targets(IC <sub>50</sub> )	NF-κB, NOD-like Receptor (NLR), COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0145 mL	10.0723 mL	20.1446 mL
5 mM	0.4029 mL	2.0145 mL	4.0289 mL
10 mM	0.2014 mL	1.0072 mL	2.0145 mL
50 mM	0.0403 mL	0.2014 mL	0.4029 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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