

YM-I-26

## Chemical Properties

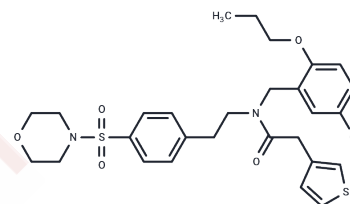
CAS No. : 2585015-90-1

Formula: C<sub>28</sub>H<sub>33</sub>ClN<sub>2</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight: 577.16

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	YM-I-26 is a selective inhibitor of the NLRP3 inflammasome. This compound enhances the phagocytic activity of $\beta$ -amyloid in murine microglial BV2 cells and reduces the production of IL-1 $\beta$ and IL-10. YM-I-26 is useful for research into inflammation-related immunomodulatory activities.
Targets(IC50)	NOD-like Receptor (NLR), Interleukin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7326 mL	8.6631 mL	17.3262 mL
5 mM	0.3465 mL	1.7326 mL	3.4652 mL
10 mM	0.1733 mL	0.8663 mL	1.7326 mL
50 mM	0.0347 mL	0.1733 mL	0.3465 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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