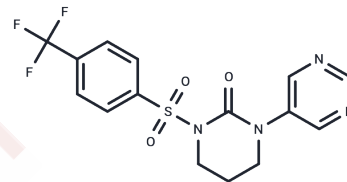


AMS-17

Chemical Properties

CAS No. : 3019885-78-7
 Formula: C₁₅H₁₃F₃N₄O₃
 Molecular Weight: 386.35
 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	AMS-17 is a potent NLRP3 inhibitor that effectively suppresses microglia activation both in vitro and in vivo. Moreover, AMS-17 exhibits inhibitory effects on various cytokines, such as caspase-1, TNF- α , IL-1 β , and inducible nitric oxide synthase (iNOS), in N9 cells, making it a promising tool for investigating inflammation-associated neurological disorders [1].
Targets(IC50)	Others,NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5883 mL	12.9416 mL	25.8833 mL
5 mM	0.5177 mL	2.5883 mL	5.1767 mL
10 mM	0.2588 mL	1.2942 mL	2.5883 mL
50 mM	0.0518 mL	0.2588 mL	0.5177 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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