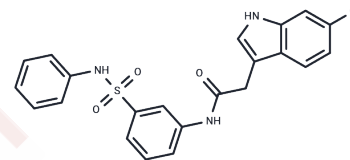


NLRP3-IN-58

Chemical Properties

CAS No. :	2956014-05-2
Formula:	C ₂₂ H ₁₈ ClN ₃ O ₃ S
Molecular Weight:	439.92
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-58 (Compound DS15) acts as an inhibitor of NLRP3 inflammasome activation, with an IC ₅₀ value of 3.85 μM, and is capable of inhibiting 33% of IL-1β release at a concentration of 10 μM.
Targets(IC ₅₀)	NOD-like Receptor (NLR), Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2731 mL	11.3657 mL	22.7314 mL
5 mM	0.4546 mL	2.2731 mL	4.5463 mL
10 mM	0.2273 mL	1.1366 mL	2.2731 mL
50 mM	0.0455 mL	0.2273 mL	0.4546 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