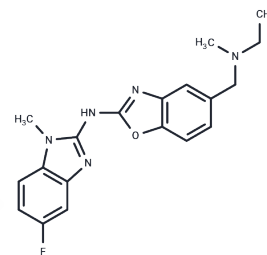


NLRP3-IN-72

Chemical Properties

CAS No. :	3043952-13-9
Formula:	C ₁₉ H ₂₀ FN ₅ O
Molecular Weight:	353.393
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-72 (Compound 2) is a benzimidazole derivative. It exhibits anti-inflammatory and antioxidant properties, with an IC ₅₀ of 0.3 μM for NLRP3 IL-1β, a PD ₅₀ of 0.4 μM for protection against cell pyroptosis, and an EC ₅₀ of 0.6 μM for inducing HO-1.
Targets(IC ₅₀)	NOD-like Receptor (NLR), Pyroptosis, Interleukin, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8297 mL	14.1487 mL	28.2973 mL
5 mM	0.5659 mL	2.8297 mL	5.6595 mL
10 mM	0.283 mL	1.4149 mL	2.8297 mL
50 mM	0.0566 mL	0.283 mL	0.5659 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481