

NLRP3-IN-68

Chemical Properties

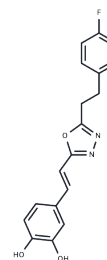
CAS No. :

Formula: C18H15FN2O3

Molecular Weight: 326.322

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-68 (Compound 2d) is a derivative of 1,3,4-oxadiazole. It exhibits significant anti-inflammatory and antioxidant properties, effectively inhibiting the secretion of inflammatory cytokines, the expression of iNOS, and the activation of the NLRP3 inflammasome. NLRP3-IN-68 is applicable in the research of anti-inflammatory drugs.
Targets(IC50)	NOD-like Receptor (NLR), NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0645 mL	15.3224 mL	30.6448 mL
5 mM	0.6129 mL	3.0645 mL	6.129 mL
10 mM	0.3064 mL	1.5322 mL	3.0645 mL
50 mM	0.0613 mL	0.3064 mL	0.6129 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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