

## NOD1-RIPK2-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>22</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 465.37

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	NOD1-RIPK2-IN-1 (Compound 37) is an inhibitor of the NOD1-RIPK2 signaling pathway, displaying potent IC <sub>50</sub> values of 42 nM and 1.52 nM against NOD1 and RIPK2, respectively. This compound effectively reduces the secretion of the pro-inflammatory cytokine IL-8, making it valuable for research in inflammation and immune disorders.
Targets(IC <sub>50</sub> )	NOD-like Receptor (NLR),RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1488 mL	10.7441 mL	21.4883 mL
5 mM	0.4298 mL	2.1488 mL	4.2977 mL
10 mM	0.2149 mL	1.0744 mL	2.1488 mL
50 mM	0.043 mL	0.2149 mL	0.4298 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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