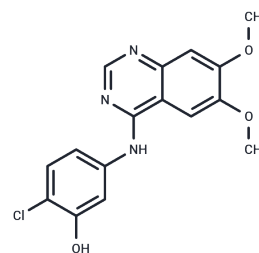


NOD1-IN-1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 687627-78-7 |
| Formula: | C ₁₆ H ₁₄ ClN ₃ O ₃ |
| Molecular Weight: | 331.75 |
| 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 | NOD1/2-IN-1 (Compound 2) is a potent inhibitor of RIPK2 with an IC ₅₀ value of 0.65 nM as determined by the ADP-Glo assay. It selectively inhibits the NOD1 pathway, with an IC ₅₀ of 33 nM, effectively blocking the production of pro-inflammatory cytokines and thereby reducing inflammatory responses. This compound has potential applications in the research of colitis. |
| Targets(IC ₅₀) | NOD-like Receptor (NLR) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0143 mL | 15.0716 mL | 30.1432 mL |
| 5 mM | 0.6029 mL | 3.0143 mL | 6.0286 mL |
| 10 mM | 0.3014 mL | 1.5072 mL | 3.0143 mL |
| 50 mM | 0.0603 mL | 0.3014 mL | 0.6029 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

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