

NDs-IN-1

Chemical Properties

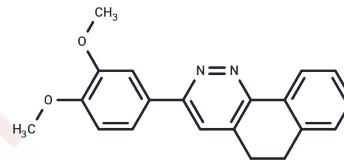
CAS No. : 3033806-97-9

Formula: C₂₀H₁₈N₂O₂

Molecular Weight: 318.37

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 | NDs-IN-1 (Compound 3g) is a novel non-covalent multi-target inhibitor that inhibits the activities of key enzymes such as hBACE-1, hAChE, and hMAO-B, and is primarily used in the study of neurodegenerative diseases [1]. |
| Targets(IC50) | NO Synthase,Cholinesterase (ChE),Dehydrogenase,IDO,Indoleamine 2,3-Dioxygenase (IDO),Monoamine Oxidase,p38 MAPK,PARP,Phospholipase,RIP kinase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 3.141 mL | 15.705 mL | 31.410 mL |
| 5 mM | 0.6282 mL | 3.141 mL | 6.282 mL |
| 10 mM | 0.3141 mL | 1.5705 mL | 3.141 mL |
| 50 mM | 0.0628 mL | 0.3141 mL | 0.6282 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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