

VHL-IN-1

Chemical Properties

CAS No. :

Formula: C28H37FN4O4S

Molecular Weight: 544.68

Keep away from direct sunlight

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

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|---------------|--|
| Description | VHL-IN-1 (compound 30), a ubiquitin E3 ligase von Hippel-Lindau (VHL) inhibitor with a dissociation constant (Kd) of 37 nM, potently stabilizes HIF-1 α and enhances its transcriptional activity. It shows promise for applications as a HIF-1 α stabilizer and for the degradation of proteolytically targeted chimeras (PROTACs) [1]. |
| Targets(IC50) | HIF/HIF Prolyl-Hydroxylase,Ligands for E3 Ligase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8359 mL | 9.1797 mL | 18.3594 mL |
| 5 mM | 0.3672 mL | 1.8359 mL | 3.6719 mL |
| 10 mM | 0.1836 mL | 0.918 mL | 1.8359 mL |
| 50 mM | 0.0367 mL | 0.1836 mL | 0.3672 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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