

## HIF-PHD-IN-2

## Chemical Properties

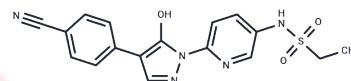
CAS No. : 2711720-45-3

Formula: C17H15N5O3S

Molecular Weight: 369.4

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   | HIF-PHD-IN-2 (compound 25) is a highly effective PHD inhibitor with IC50 values below 100 nM for PHD1, PHD2, and PHD3 [1]. |
| Targets(IC50) | Others,HIF/HIF Prolyl-Hydroxylase  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7071 mL | 13.5355 mL | 27.0709 mL |
| 5 mM  | 0.5414 mL | 2.7071 mL  | 5.4142 mL  |
| 10 mM | 0.2707 mL | 1.3535 mL  | 2.7071 mL  |
| 50 mM | 0.0541 mL | 0.2707 mL  | 0.5414 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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