

103D5R

## Chemical Properties

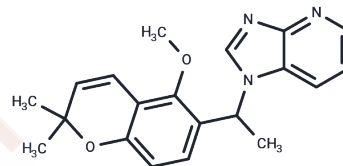
CAS No. : 773852-25-8

Formula: C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 335.4

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   | 103D5R is a novel selective inhibitor of hif-1 $\alpha$ , markedly decreasing hif-1 $\alpha$ protein levels induced by hypoxia or cobaltous ions in a dose- and time-dependent manner |
| Targets(IC50) | Others,HIF/HIF Prolyl-Hydroxylase   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.9815 mL | 14.9076 mL | 29.8151 mL |
| 5 mM  | 0.5963 mL | 2.9815 mL  | 5.963 mL   |
| 10 mM | 0.2982 mL | 1.4908 mL  | 2.9815 mL  |
| 50 mM | 0.0596 mL | 0.2982 mL  | 0.5963 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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