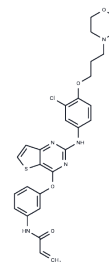


Thi-DPPY

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2307699-34-7 |
| Formula: | C ₂₈ H ₂₈ ClN ₅ O ₄ S |
| Molecular Weight: | 566.07 |
| 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 | Thi-DPPY is a potent, orally active JAK3 inhibitor that acts on BTK (IC ₅₀ : 62.4 nM), JAK (IC ₅₀ : 1.38 nM). Thi-DPPY is anti-proliferative against HBE cells. Thi-DPPY has anti-inflammatory effects in vivo. Thi-DPPY has shown research potential in idiopathic pulmonary fibrosis (IPF). |
| Targets(IC ₅₀) | Others,JAK |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7666 mL | 8.8328 mL | 17.6657 mL |
| 5 mM | 0.3533 mL | 1.7666 mL | 3.5331 mL |
| 10 mM | 0.1767 mL | 0.8833 mL | 1.7666 mL |
| 50 mM | 0.0353 mL | 0.1767 mL | 0.3533 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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