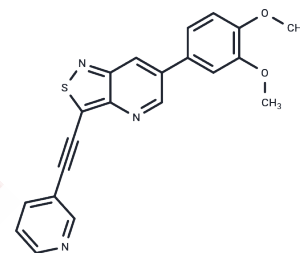


RMC-113

Chemical Properties

CAS No. : 2258606-34-5
 Formula: C₂₁H₁₅N₃O₂S
 Molecular Weight: 373.43
 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 | RMC-113 is an inhibitor of PIP4K2C and PIKfyve, with Ki values of 46 nM and 370 nM, respectively. It reverses autophagy flux impairment induced by SARS-CoV-2 and exhibits antiviral activity. |
| Targets(IC50) | Autophagy,DNA/RNA Synthesis,PI3K,SARS-CoV |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6779 mL | 13.3894 mL | 26.7788 mL |
| 5 mM | 0.5356 mL | 2.6779 mL | 5.3558 mL |
| 10 mM | 0.2678 mL | 1.3389 mL | 2.6779 mL |
| 50 mM | 0.0536 mL | 0.2678 mL | 0.5356 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481