

SARS-CoV-2/MERS Mpro-IN-1

Chemical Properties

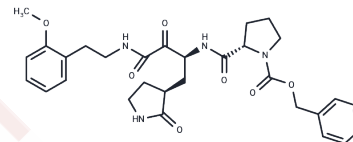
CAS No. :

Formula: C₃₀H₃₆N₄O₇

Molecular Weight: 564.63

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 | SARS-CoV-2/MERS Mpro-IN-1 is a potent inhibitor of the main proteases in SARS-CoV-2 and MERS, with IC ₅₀ values of 0.10 and 0.06 μM, respectively. |
| Targets(IC ₅₀) | Others,SARS-CoV |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7711 mL | 8.8554 mL | 17.7107 mL |
| 5 mM | 0.3542 mL | 1.7711 mL | 3.5421 mL |
| 10 mM | 0.1771 mL | 0.8855 mL | 1.7711 mL |
| 50 mM | 0.0354 mL | 0.1771 mL | 0.3542 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