

SARS-CoV-IN-6

Chemical Properties

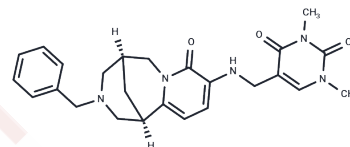
CAS No. : 2244671-47-2

Formula: C₂₅H₂₉N₅O₃

Molecular Weight: 447.53

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-IN-6 (Compound 17) acts as an inhibitor of SARS-CoV-1 and SARS-CoV-2 RdRp, demonstrating an IC ₅₀ value of 7.8 μM against SARS-CoV-2 RdRp. This compound reduces the cytopathic effects of single-round infectious particles (SRIP) infected with SARS-CoV-1 and SARS-CoV-2 replicons and inhibits the expression of SARS-CoV-N proteins. The EC ₅₀ values for SRIP based on SARS-CoV-1 and SARS-CoV-2 replicons are 0.12 μM and 1.47 μM, respectively.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2345 mL	11.1724 mL	22.3449 mL
5 mM	0.4469 mL	2.2345 mL	4.469 mL
10 mM	0.2234 mL	1.1172 mL	2.2345 mL
50 mM	0.0447 mL	0.2234 mL	0.4469 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