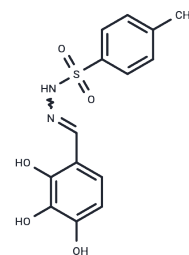


SARS-CoV-2-IN-113

Chemical Properties

CAS No. :	455304-63-9
Formula:	C ₁₄ H ₁₄ N ₂ O ₅ S
Molecular Weight:	322.34
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-IN-113 (Compound 24) is a sulfonyl hydrazine derivative that exhibits antiviral activity against SARS-CoV-2 infection, with an IC ₅₀ of 8.320 μM. It effectively inhibits the entry and replication of SARS-CoV-2 by downregulating genes and proteins such as Spike, ACE-2, and RdRp. SARS-CoV-2-IN-113 shows high selectivity and low cytotoxicity, making it a valuable candidate for COVID-19 research.
Targets(IC ₅₀)	Angiotensin-converting Enzyme (ACE), SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1023 mL	15.5116 mL	31.0231 mL
5 mM	0.6205 mL	3.1023 mL	6.2046 mL
10 mM	0.3102 mL	1.5512 mL	3.1023 mL
50 mM	0.062 mL	0.3102 mL	0.6205 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