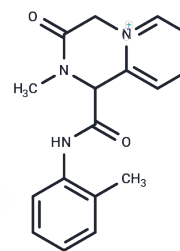


M56-S2 iodide

Chemical Properties

CAS No. :	1101867-17-7
Formula:	C ₁₇ H ₁₈ N ₃ O ₂
Molecular Weight:	423.25
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	M56-S2 iodide, a SARS-CoV-2 M pro inhibitor (IC ₅₀ = 4.0 μM), exhibits promising drug potential due to its good oral bioavailability and low toxicity in ADMET predictions. It can be utilized in antiviral research, particularly against SARS-CoV-2 [1].
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3627 mL	11.8133 mL	23.6267 mL
5 mM	0.4725 mL	2.3627 mL	4.7253 mL
10 mM	0.2363 mL	1.1813 mL	2.3627 mL
50 mM	0.0473 mL	0.2363 mL	0.4725 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