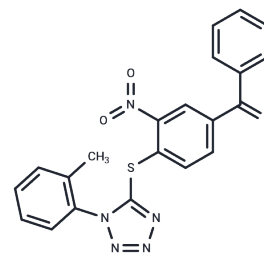


## MePT-S-N-Pme

## Chemical Properties

CAS No. :	852301-66-7
Formula:	C <sub>21</sub> H <sub>15</sub> N <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	417.44
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	MePT-S-N-Pme is an inhibitor of SARS-CoV-2 RdRp activity. It significantly reduces reporter gene activity, with an IC <sub>50</sub> of 7 μM in HEK 293 cells. MePT-S-N-Pme exhibits a mild inhibitory effect on nucleotide transferase activity and markedly inhibits SARS-CoV-2 replication in vitro.
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3956 mL	11.9778 mL	23.9555 mL
5 mM	0.4791 mL	2.3956 mL	4.7911 mL
10 mM	0.2396 mL	1.1978 mL	2.3956 mL
50 mM	0.0479 mL	0.2396 mL	0.4791 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

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