

GC373

Chemical Properties

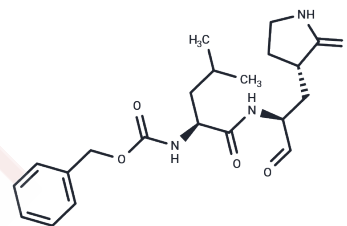
CAS No. : 1429218-54-1

Formula: C₂₁H₂₉N₃O₅

Molecular Weight: 403.47

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	GC373, an effective inhibitor of the SARS-CoV-2 M pro, impedes virus replication, exhibiting an inhibition concentration (IC ₅₀) of 0.4 μM. This compound is valuable for use in anti-COVID-19 research.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4785 mL	12.3925 mL	24.785 mL
5 mM	0.4957 mL	2.4785 mL	4.957 mL
10 mM	0.2478 mL	1.2392 mL	2.4785 mL
50 mM	0.0496 mL	0.2478 mL	0.4957 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

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