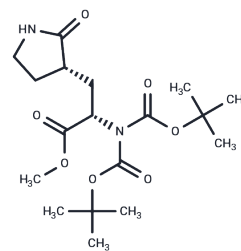


Antiviral agent 5

Chemical Properties

CAS No. : 2698336-82-0
Formula: C₁₈H₃₀N₂O₇
Molecular Weight: 386.445
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Antiviral agent 5 is a crucial intermediate utilized in the development of antiviral agents that specifically target 3C and 3CL proteases, which includes the SARS-CoV-2 M pro enzyme.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5877 mL	12.9383 mL	25.8766 mL
5 mM	0.5175 mL	2.5877 mL	5.1753 mL
10 mM	0.2588 mL	1.2938 mL	2.5877 mL
50 mM	0.0518 mL	0.2588 mL	0.5175 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.

Reference

Vuong W, et al. Improved Synthesis of a Cyclic Glutamine Analogue Used in Antiviral Agents Targeting 3C and 3CL Proteases Including SARS-CoV-2 Mpro. J Org Chem. 2021 Sep 17;86(18):13104-13110.

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