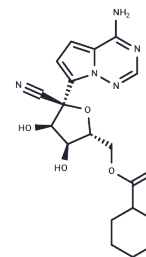


SHEN26

## Chemical Properties

CAS No. : 2691076-98-7  
 Formula: C<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O<sub>5</sub>  
 Molecular Weight: 401.42  
 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                | SHEN26 (ATY014) is a potent, orally active RdRp inhibitor with an IC <sub>50</sub> of 1.36 μM for SARS-CoV-2. As a 5'-cyclohexanecarboxylate derivative of GS-441524, SHEN26 inhibits viral nucleic acid synthesis, achieving antiviral effects. SHEN26 can be used for COVID-19 research [1] [2]. |
| Targets(IC <sub>50</sub> ) | SARS-CoV   |
| In vitro                   | SHEN26 (ATY014) exhibits IC <sub>50</sub> values of 1.12 μM against the beta variant and 0.35 μM against the delta variant [1].  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4912 mL | 12.4558 mL | 24.9116 mL |
| 5 mM  | 0.4982 mL | 2.4912 mL  | 4.9823 mL  |
| 10 mM | 0.2491 mL | 1.2456 mL  | 2.4912 mL  |
| 50 mM | 0.0498 mL | 0.2491 mL  | 0.4982 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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