

## Product Data Sheet

Product Name: SHEN26  
Cat. No.: GC71336

### Chemical Properties

Cas. No. 2691076-98-7

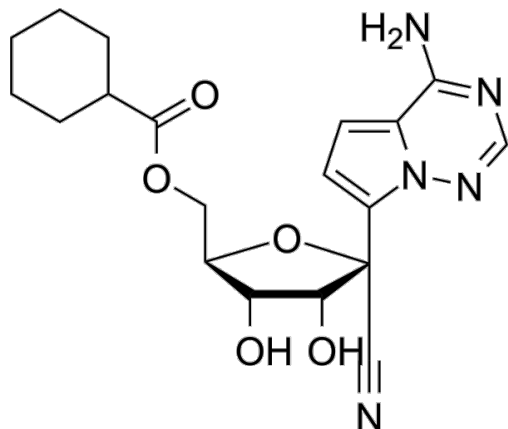
Formula  $C_{19}H_{23}N_5O_5$  M.Wt 401.42

Solubility DMSO : 100 mg/mL (249.12 mM); Storage -20°C  
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

SHEN26 (ATY014) is a potent and orally active RdRp inhibitor, with an IC<sub>50</sub> for SARS-CoV-2 is 1.36 μM. SHEN26 is a 5'-cyclohexanecarboxylate derivative of GS-441524 . SHEN26 inhibits viral nucleic acid synthesis to achieve antiviral effects. SHEN26 can be used for the research of coronavirus disease 2019 (COVID-19).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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IC<sub>50</sub> of SHEN26 (ATY014) against variants of beta and delta are 1.12  $\mu$ M and 0.35  $\mu$ M [1].

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