

ATV006

## Chemical Properties

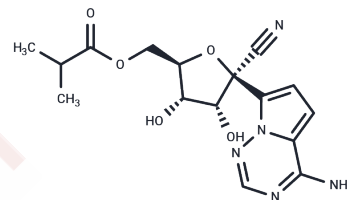
CAS No. : 2647441-36-7

Formula: C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 361.35

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	ATV006 has antiviral activity and can be used in research on the treatment of viral infections.
Targets(IC50)	Antiviral,SARS-CoV

## Solubility Information

Solubility	DMSO: 55 mg/mL (152.21 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7674 mL	13.837 mL	27.674 mL
5 mM	0.5535 mL	2.7674 mL	5.5348 mL
10 mM	0.2767 mL	1.3837 mL	2.7674 mL
50 mM	0.0553 mL	0.2767 mL	0.5535 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.

## Reference

Byoung-Kwon Chun, et al. Preparation of nucleosides and methods for treatment of viral infections.  
WO2022047065A2

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