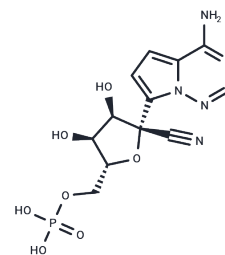


## Remdesivir nucleoside monophosphate

## Chemical Properties

CAS No. :	1911578-74-9
Formula:	C <sub>12</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P
Molecular Weight:	371.24
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	Remdesivir nucleoside monophosphate, a metabolite of Remdesivir, is a potent antiviral compound with nucleoside analogue characteristics. It exhibits effective antiviral activity against both SARS-CoV and MERS-CoV.
Targets(IC50)	Others,DNA/RNA Synthesis,Drug Metabolite,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6937 mL	13.4684 mL	26.9368 mL
5 mM	0.5387 mL	2.6937 mL	5.3874 mL
10 mM	0.2694 mL	1.3468 mL	2.6937 mL
50 mM	0.0539 mL	0.2694 mL	0.5387 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. or treating filoviridae virus infections. US20160122374.  
 Agostini ML, et al. Coronavirus Susceptibility to the Antiviral Remdesivir (GS-5734) Is Mediated by the Viral Polymerase and the Proofreading Exoribonuclease. MBio. 2018 Mar 6;9(2). pii: e00221-18.

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