

Remdesivir-D5

Chemical Properties

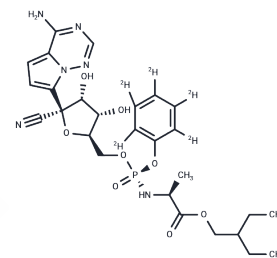
CAS No. :

Formula: C₂₇H₃₀D₅N₆O₈P

Molecular Weight: 607.61

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-D5 is a deuterium labeled Remdesivir. Remdesivir (T7766) is a nucleoside analogue, with effective antiviral activity.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6458 mL	8.229 mL	16.4579 mL
5 mM	0.3292 mL	1.6458 mL	3.2916 mL
10 mM	0.1646 mL	0.8229 mL	1.6458 mL
50 mM	0.0329 mL	0.1646 mL	0.3292 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

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.

Wang M, et al. Remdesivir and chloroquine effectively inhibit the recently emerged novel coronavirus (2019-nCoV) in vitro. Cell Res. 2020 Mar;30(3):269-271.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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