

Telbivudine-D3

Chemical Properties

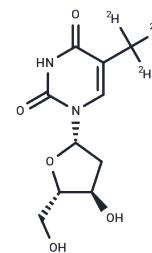
CAS No. :

Formula: C₁₀H₁₁D₃N₂O₅

Molecular Weight: 245.25

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

Telbivudine-D3 is a deuterated compound of Telbivudine. Telbivudine (T1513) has a CAS number of 3424-98-4. Telbivudine (T1513) is a Hepatitis B Virus Nucleoside Analog Reverse Transcriptase Inhibitor. The mechanism of action of telbivudine is as a Nucleoside Reverse Transcriptase Inhibitor. The chemical classification of telbivudine is Nucleoside Analog.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0775 mL	20.3874 mL	40.7747 mL
5 mM	0.8155 mL	4.0775 mL	8.1549 mL
10 mM	0.4077 mL	2.0387 mL	4.0775 mL
50 mM	0.0815 mL	0.4077 mL	0.8155 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

1. Bridges EG, et al. Antimicrob Agents Chemother, 2008, 52(7), 2521-2528.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481