

Adefovir diphosphate 2TEA

Chemical Properties

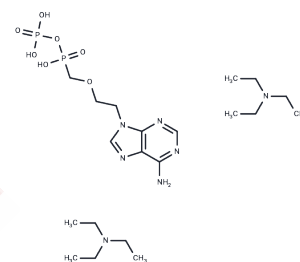
CAS No. :

Formula: C₂₀H₄₃N₇O₇P₂

Molecular Weight: 555.55

Storage: Keep away from moisture, Store at low temperature
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	Adefovir diphosphate 2TEA is the salt form of Adefovir diphosphate. Adefovir diphosphate is a metabolite of Adefovir (GS-0393, PMEA) and cyclic nucleoside phosphonate (ANP) analog, an orally available reverse transcriptase inhibitor with antiviral activity against herpes, hepatitis B, and human immunodeficiency virus (HIV).
Targets(IC50)	Reverse Transcriptase, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.800 mL	9.0001 mL	18.0002 mL
5 mM	0.360 mL	1.800 mL	3.600 mL
10 mM	0.180 mL	0.900 mL	1.800 mL
50 mM	0.036 mL	0.180 mL	0.360 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

Reddy KR, et al. Pradefovir: a prodrug that targets adefovir to the liver for the treatment of hepatitis B. J Med Chem. 2008 Feb 14;51(3):666-76.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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