

Letermovir-D8

Chemical Properties

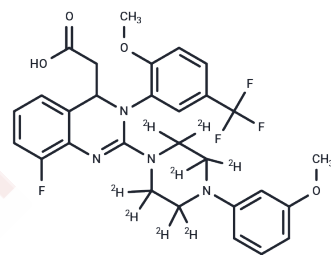
CAS No. :

Formula: C₂₉H₂₀D₈F₄N₄O₄

Molecular Weight: 580.6

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

Letermovir-D8 is a deuterated compound of Letermovir. Letermovir (T5396) has a CAS number of 917389-32-3. Letermovir (T5396) (AIC246) is a novel anti-CMV compound (EC₅₀: about 5 nM in fibroblast cells). It targets the pUL56 subunit of the viral terminase complex.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7224 mL	8.6118 mL	17.2236 mL
5 mM	0.3445 mL	1.7224 mL	3.4447 mL
10 mM	0.1722 mL	0.8612 mL	1.7224 mL
50 mM	0.0344 mL	0.1722 mL	0.3445 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

- Lischka P, et al. In vitro and in vivo activities of the novel anticytomegalovirus compound AIC246. Antimicrob Agents Chemother. 2010 Mar;54(3):1290-7.

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