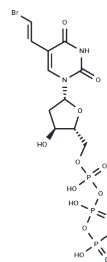


BVDU 5'-Triphosphate

Chemical Properties

CAS No. : 77222-61-8
 Formula: C₁₁H₁₆BrN₂O₁₄P₃
 Molecular Weight: 573.08
 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	BVDU 5'-Triphosphate is an antiviral agent labeled with 5'-Triphosphate that specifically targets viral DNA polymerase. It exhibits outstanding selectivity for varicella-zoster virus (VZV) and herpes simplex virus type 1 (HSV-1) owing to its phosphorylation by the virus-specific thymidine kinase.
Targets(IC50)	HSV,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.745 mL	8.7248 mL	17.4496 mL
5 mM	0.349 mL	1.745 mL	3.4899 mL
10 mM	0.1745 mL	0.8725 mL	1.745 mL
50 mM	0.0349 mL	0.1745 mL	0.349 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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