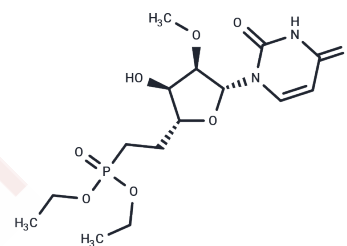


1-[6-(Diethoxyphosphinyl)-2-O-methyl-β-D-ribo-hexofuranosyl]uracil

Chemical Properties

CAS No. :	2095417-38-0
Formula:	C ₁₅ H ₂₅ N ₂ O ₈ P
Molecular Weight:	392.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	1-[6-(Diethoxyphosphinyl)-2-O-methyl-β-D-ribo-hexofuranosyl]uracil is a nucleoside derivative classified as a phosphorus-containing nucleotide, 2'-modified nucleoside, and 5'-modified nucleoside, and 1-[6-(Diethoxyphosphinyl)-2-O-methyl-β-D-ribo-hexofuranosyl]uracil contributes to advanced nucleic acid chemistry research by enabling studies on nucleotide analog synthesis, structural optimization, enzymatic recognition, and antiviral or anticancer nucleoside drug design within biochemical and medicinal chemistry development workflows.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5488 mL	12.744 mL	25.4881 mL
5 mM	0.5098 mL	2.5488 mL	5.0976 mL
10 mM	0.2549 mL	1.2744 mL	2.5488 mL
50 mM	0.051 mL	0.2549 mL	0.5098 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

Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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