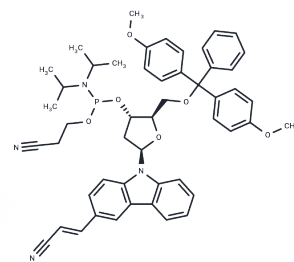


3-Cyanovinylcarbazole phosphoramidite

Chemical Properties

CAS No. : 1157899-72-3
 Formula: C₅₀H₅₃N₄O₆P
 Molecular Weight: 836.95
 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	3-Cyanovinylcarbazole phosphoramidite acts as an antiviral agent by hindering viral DNA synthesis. This compound features a modified nucleoside, produced by introducing a cyano group at the ribonucleotide's C-3 position, enabling its utilization as a phosphoric acid amide in DNA synthesis [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1948 mL	5.9741 mL	11.9481 mL
5 mM	0.239 mL	1.1948 mL	2.3896 mL
10 mM	0.1195 mL	0.5974 mL	1.1948 mL
50 mM	0.0239 mL	0.1195 mL	0.239 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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