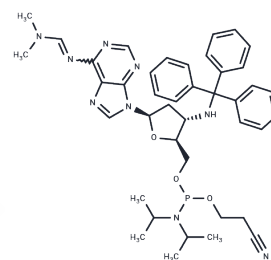


## 3'-NH-Tr-2',3'-DMF-ddA-5'-CE-Phosphoramidite

### Chemical Properties

CAS No. :	1644649-86-4
Formula:	C41H50N9O3P
Molecular Weight:	747.87
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'-NH-Tr-2',3'-DMF-ddA-5'-CE-Phosphoramidite serves as a precursor of adenosine nucleotide monomers used in the solid-phase synthesis of oligonucleotides, particularly for modifying oligonucleotides such as terminally modified DNA strands. It features Trityl (Tr), Cyanoethyl (CE), and Dimethylformamidino (DMF) protective groups, classifying it as a ddNTP adenosine nucleoside suitable for applications like oligonucleotide solid-phase synthesis, probe design, and chain termination sequencing.
Targets(IC50)	Nucleoside Antimetabolite/Analog,DNA/RNA Synthesis

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3371 mL	6.6857 mL	13.3713 mL
5 mM	0.2674 mL	1.3371 mL	2.6743 mL
10 mM	0.1337 mL	0.6686 mL	1.3371 mL
50 mM	0.0267 mL	0.1337 mL	0.2674 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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