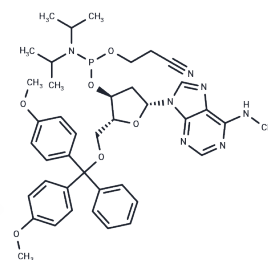


N6-Methyl-dA phosphoramidite

Chemical Properties

CAS No. :	105931-58-6
Formula:	C41H50N7O6P
Molecular Weight:	767.85
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	N6-Methyl-dA phosphoramidite is utilized in the synthesis of oligodeoxyribonucleotides [sodium (5'-deoxyadenosyl nucleotide)] by incorporating methyl groups at the N6 position.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3023 mL	6.5117 mL	13.0234 mL
5 mM	0.2605 mL	1.3023 mL	2.6047 mL
10 mM	0.1302 mL	0.6512 mL	1.3023 mL
50 mM	0.026 mL	0.1302 mL	0.2605 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

Li D, et, al. Exocyclic carbons adjacent to the N6 of adenine are targets for oxidation by the Escherichia coli adaptive response protein AlkB. J Am Chem Soc. 2012 May 30;134(21):8896-901.

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