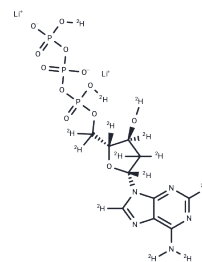


2'-Deoxyadenosine-5'-triphosphate-D14 dilithium

Chemical Properties

CAS No. :	2687960-68-3
Formula:	C10H14Li2N5O12P3
Molecular Weight:	517.13
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	2'-Deoxyadenosine-5'-triphosphate-D14 dilithium is a deuterium-labeled version of 2'-Deoxyadenosine-5'-triphosphate. This nucleotide, 2'-Deoxyadenosine-5'-triphosphate (T36667) (dATP), is employed in cells for DNA synthesis or replication and acts as a substrate for DNA polymerase.
Targets(IC50)	Endogenous Metabolite,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9337 mL	9.6687 mL	19.3375 mL
5 mM	0.3867 mL	1.9337 mL	3.8675 mL
10 mM	0.1934 mL	0.9669 mL	1.9337 mL
50 mM	0.0387 mL	0.1934 mL	0.3867 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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