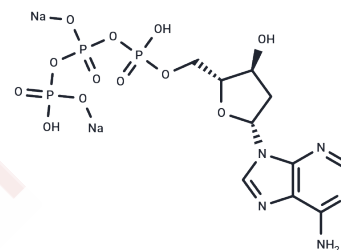


## 2'-Deoxyadenosine 5'-triphosphate disodium

### Chemical Properties

CAS No. :	74299-50-6
Formula:	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>12</sub> P <sub>3</sub>
Molecular Weight:	535.1453
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	2'-Deoxyadenosine 5'-triphosphate disodium (5'-Dexoadenosine triphosphate disodium) is a nucleotide with significant biological activity, serving as a substrate for various polymerases, such as DNA polymerase and reverse transcriptase. It plays a crucial role in both DNA synthesis and reverse transcription and is extensively used in vitro for molecular biology research.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8686 mL	9.3432 mL	18.6863 mL
5 mM	0.3737 mL	1.8686 mL	3.7373 mL
10 mM	0.1869 mL	0.9343 mL	1.8686 mL
50 mM	0.0374 mL	0.1869 mL	0.3737 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.

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