

dATP Solution (100 mM)

Product description

dATP (2'-Deoxyadenosine 5'-triphosphate), commonly known as deoxyadenosine triphosphate, is widely used in a variety of standard molecular biology applications, including PCR, real-time PCR, RT-PCR, cDNA synthesis, primer extension, DNA sequencing, and DNA labeling.

This product is supplied as a sodium salt solution, prepared in nuclease-free ultrapure water and adjusted to pH 7.0 using high-purity NaOH. The concentration is 100 mM.

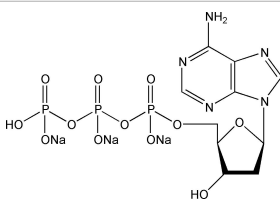
Quality control by HPLC confirms $\geq 99\%$ purity, and the product is rigorously tested to be free of DNase and RNase contamination.

It is ready-to-use and can be directly added to PCR and other routine molecular biology reactions without further preparation.

Components

Name	10118ES74	10118ES80	10118ES96	10118ES97
dATP Solution (100 mM)	400 μ L	1 mL	25 mL	400 mL

Specifications

Concentration	2×
Hot Start	Built-in Hot Start
English synonym	2'-Deoxyadenosine-5'-triphosphate, sodium salt solution
CAS NO.	1927-31-7
Purity	$\geq 99\%$
Appearance	Colorless transparent liquid
Structure	

Storage

The product should be stored at -25°C ~ -15°C for 2 years.

Notes

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. This product is for research use ONLY!
3. This product can be thawed at room temperature. After dissolution, keep it on ice or in an ice bath during use. Store immediately at -20°C after use.