

dATP (100mM)

D745241

store at -20°C

Introduction:

dATP, 2'-deoxyadenosine 5'-triphosphate, is commonly used in PCR, real-time PCR, RT-PCR, cDNA or DNA synthesis, primer extension, DNA sequencing, and other conventional molecular biology applications.

The molecular formula of dATP is $C_{10}H_{13}N_5O_{12}P_3Na_3$ with a molecular weight of 557.2 (491.2 in acid form). Its maximum absorption wavelength is 259nm.

This dATP product is prepared with ultrapure water to a concentration of 100mM. The pH is titrated to 7.0 with high-purity NaOH solution.

This product is free of DNase, RNase, phosphatase and protease.

This product can be directly used for various molecular biology applications such as PCR.

Matters needing attention:

1. This product can be thawed at room temperature. Keep it on ice for use and store at -20°C immediately after use.
2. This product is for R&D only. Not for drug, household, or other uses.
3. For your safety and health, please wear a lab coat and disposable gloves during the operation.