

# High-Q™ dATP

(100 mM)

## Ordering info

TBR0200, High-Q™ dATP, 100 mM, 0.4 mL

TBR0201, High-Q™ dATP, 100 mM, 0.2 mL

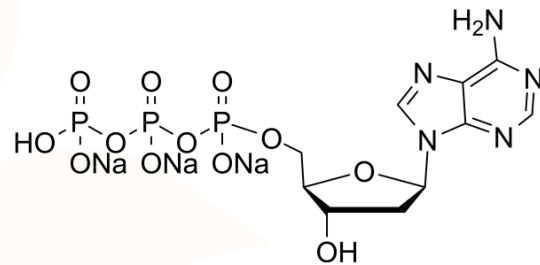
## Description

High-Q™ dATP is highest purity dATP supplied as aqueous solution at pH 8.5.

CAS: 1927-31-7.

Formula: C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub> (free acid)

MW: 491.18 g/mol (free acid)



## Features

- Highest purity (>99%).
- $\lambda_{\max}$  259nm.
- $\epsilon$  15.1 L mmol<sup>-1</sup>cm<sup>-1</sup>.

## Storage

Store at -20°C.

## Applications

- PCR/ RT-PCR with Taq polymerases.
- PCR/ RT-PCR with proofreading enzymes
- Long fragment amplification.
- Real Time PCR and RT-qPCR.

## Quality Control

- Purity is tested by HPLC.
- Free of DNase, RNase and protease activity.

Also available:

High-Q™ dCTP 100 mM (TBR0202, TBR0203)

High-Q™ dGTP 100 mM (TBR0204, TBR0205)

High-Q™ dTTP 100 mM (TBR0206, TBR0207)

High-Q™ dNTP MIX 10 mM (TBR0208, TBR0209)

# High-Q™ dATP (100 mM)

## Referencias

TBR0200, High-Q™ dATP, 100 mM, 0,4 mL

TBR0201, High-Q™ dATP, 100 mM, 0,2 mL

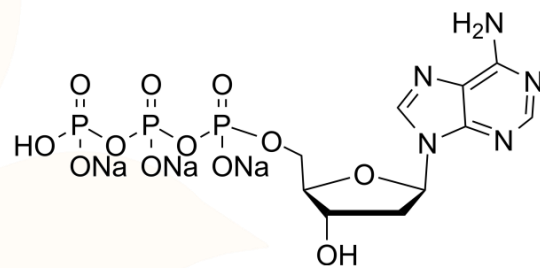
## Descripción

High-Q™ dATP es una solución acuosa a pH 8,5 de dATP de la más alta pureza.

CAS: 1927-31-7.

Fórmula:  $C_{10}H_{16}N_5O_{12}P_3$  (ácido libre)

MW: 491,18 g/mol (ácido libre)



## Características

- Máxima pureza (>99%).
- $\lambda_{max}$  259nm.
- $\epsilon$  15.1 L mmol<sup>-1</sup>cm<sup>-1</sup>.

## Almacenaje

Conservar a -20°C.

## Aplicaciones

- PCR/ RT-PCR con Taq polimerasas.
- PCR/ RT-PCR con enzimas de alta fidelidad.
- Amplificación de largos fragmentos.
- PCR en tiempo real y RT-qPCR.

## Control de Calidad

- Pureza testada por HPLC.
- Libre de actividad de DNasas, RNasas y proteasa.

También disponemos de:

High-Q™ dCTP 100 mM (TBR0202, TBR0203)

High-Q™ dGTP 100 mM (TBR0204, TBR0205)

High-Q™ dTTP 100 mM (TBR0206, TBR0207)

High-Q™ dNTP MIX 10 mM (TBR0208, TBR0209)