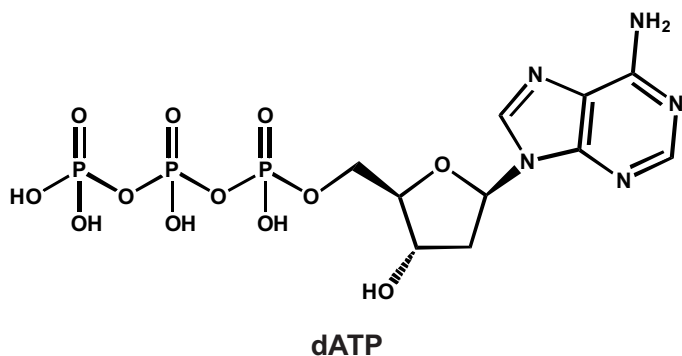


DATA SHEET


dATP solution - Sodium salt

2'-Deoxyadenosine 5'-triphosphate - Sodium salt
100 mM

Cat. Nº.	Amount
<input type="checkbox"/> NUC-1035	250 µL
<input type="checkbox"/> NUC-103M	400 µL
<input type="checkbox"/> NUC-103L	1.000 µL



For *in vitro* use only!

Shipping:

Shipped on blue ice

Storage Conditions:

Store at -20 °C

Additional Storage Conditions:

Avoid freeze/thaw cycles

Shelf Life:

12 months

Molecular Formula:

$C_{10}H_{16}N_5O_{12}P_3$ (free acid)

Molecular Weight:

491.18 g/mol (free acid)

CAS#:

1927-31-7

Purity:

≥ 99 % (HPLC)

Form:

Clear aqueous solution

Concentration:

100-110 mM

pH:

8.5 ± 0.1

Spectroscopic Properties:

$\lambda_{max} = 259 \text{ nm}$; $\epsilon = 15.4 \text{ mmol}^{-1} \cdot \text{L} \cdot \text{cm}^{-1}$ (Tris-HCl pH 7.0)

Description:

Ultrapure dATP supplied as sodium salt in purified water (pH 8.5)

Quality Control Specifications:

18 kb long range PCR (template dilution series): suitable;
Contamination with bacterial or human DNA: not detectable;
Activity of Dnase, Protease or Phosphatase: not detectable.