

Nucleotides

CAS 1927-31-7 (dATP)



CAS 18423-43-3 (dTTP)

CAS 93919-41-6 (dGTP)

CAS 102783-51-7 (dCTP)

First aid Std.
Spillage C, G, H
Storage -20°C

dATP (2-deoxyadenosine 5-Triphosphate) 100mM Solution

 dATP high-purity solution is used in PCR*, dideoxy sequencing mutagenesis and cDNA synthesis  32

Functionally tested in PCR*.
High purity: >98% triphosphate
Supplied as 100mM solution in purified water (pH 7.5).



Catalogue No BPE2560-4	Quantity 400µL (40µmols)
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$C_{10}H_{12}N_5O_{12}P_3Na_4$ M.W. 579.2

Product specification
λ max (pH7.0) 259nm
Molar Absorbance (A_m) at pH7.0 15.2×10^3

*Polymerase Chain Reaction (PCR) process is covered by patents owned Hoffmann-La Roche.
Not on TSCA inventory: for research and development use only, not for manufacturing or commercial purposes.

dCTP (2-deoxycytidine 5-Triphosphate) 100mM Solution

 dCTP high-purity solution is used in PCR*, dideoxy sequencing mutagenesis and cDNA synthesis  32

Functionally tested in PCR*.
High purity: >98% triphosphate
Supplied as 100mM solution in purified water (pH 7.5).



Catalogue No BPE2562-4	Quantity 400µL (40µmols)
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$C_9H_{12}N_3O_{13}P_3Na_4$ M.W. 555.1

Product specification
λ max (pH7.0) 280nm
Molar Absorbance (A_m) at pH7.0 13.1×10^3

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dGTP (2-deoxyguanosine 5-Triphosphate) 100mM Solution

 dGTP high-purity solution is used in PCR*, dideoxy sequencing mutagenesis and cDNA synthesis  32

Functionally tested in PCR*.
High purity: >98% triphosphate
Supplied as 100mM solution in purified water (pH 7.5).




Catalogue No BPE2561-4	Quantity 400µL (40µmols)
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$C_{10}H_{12}N_5O_{13}P_3Na_4$ M.W. 595.1

Product specification
λ max (pH7.0) 280nm
Molar Absorbance (A_m) at pH7.0 13.7×10^3

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2'-Deoxyguanosine-5'-triphosphate (dGTP) trisodium salt dihydrate (dGTP)

 The trisodium salt of dGTP is suitable for use in many molecular biology applications.   32

Catalogue No BPE419-10	Quantity 10mg
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$C_{10}H_{13}N_5O_{13}P_3Na_3 \cdot 2H_2O$ M.W. 609.21

Molar Extinction Coefficient (253nm, phosphate buffer, pH7.0) $\geq 13,100$
Not on TSCA inventory: for research and development use only; not for manufacturing or commercial purposes.

Safety Data Sheets contain the hazard symbol and hazard/precautionary statements according to regulation (EC) No 1272/2008, available on Fisher Scientific Website.