



Modified Nucleotides

For Every Application

It is likely that among TriLink's wide selection of modified nucleoside triphosphates (NTPs) you will find a compound to suit your application. We stock over 180 modified compounds, including Aminoallyl, Biotin and 2' Fluoro modified nucleotides. In addition, we offer specialty modified nucleotides such as bisphosphates, a series of monophosphates and ARCA, CAP and mCAP. Whether you seek solutions for indirect DNA labeling, cDNA synthesis, nuclease resistance or a new application, we have the right NTP. Additionally, our nucleic acid chemists are experts in the synthesis of unique NTPs. So if you don't see what you need, just ask.


Most NTPs are sold individually in 1, 5 and 10 μ mole aliquots (approximately 0.5, 2.5 and 5 mg respectively) as 100 mM solutions. Specific concentrations and bulk quantities are available upon request. See our Nucleotide Quick Guide in the back of this brochure for a complete listing. All nucleotides are analyzed by HPLC, 31 P NMR, 1 H NMR, MS and UV Spectroscopy.

- Over 180 Modified Nucleotides in Stock
- Unique Custom Synthesis Capabilities
- Excellent Customer Service
- Expert Technical Support

How to Order

We ask that all oligonucleotide sequences be submitted electronically through OligoBuilder®, our online ordering system, or by email to ensure accuracy. Include the sequence, backbone, any modifications and synthesis scale or final yield.

We accept payment by purchase order, wire transfer and credit card (MasterCard, Visa and American Express). Visit our website for new products and technical resources.

 Online trilinkbiotech.com

 Email sales@trilinkbiotech.com

Expert Technical Support

The TriLink Team is committed to fully supporting TriLink's products and services from the initial customer inquiry to post delivery technical assistance. The answers to many common questions can be found online in our FAQ database. Have a unique question? Visit our *Ask An Expert* blog. Our technical support team is also available to speak with you Mon-Fri, 7 am to 5 pm PT.

Resources

TriLink offers a number of technical resources to aid in your research efforts. The following technical resources are available at trilinkbiotech.com.

- *Ask An Expert* blog
- Product line bibliography
- Publications
- FAQ database
- Literature corner
- Technical articles

ResearchRewards Program

TriLink offers ResearchRewards to support educators and researchers. Applications may be submitted anytime. Applicants will be notified of the review results within two months.



Signature TriLink Quality

Since 1996, TriLink has manufactured specialty modified oligonucleotides. Our strong quality commitment and our extensive experience with unique modifications results in the best oligonucleotides possible. Producing high quality oligonucleotides requires rigorous QC. Each oligonucleotide undergoes quality control analysis by PAGE, HPLC and/or MS. The flowchart below displays many of the steps and process control points we do to ensure you receive quality product. TriLink operates a fully GMP facility and is ISO 9001:2008 and FDA 21CFR 820 compliant. Contact us to discuss your path to pharmaceutical GMP manufacturing.

Customer Testimonials

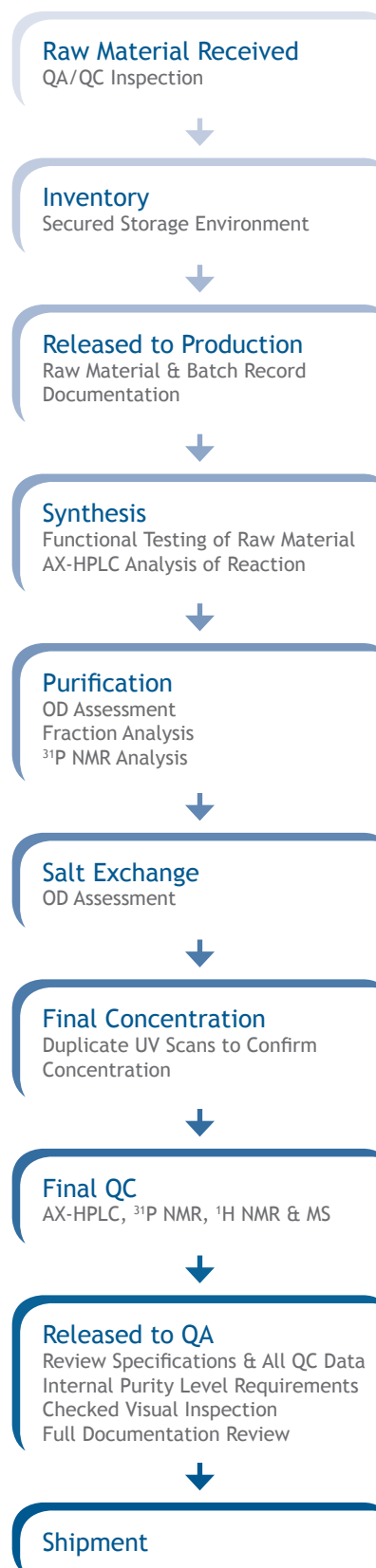
“The customer service of your company is outstanding. Please be assured we that we will order at your company in the future.”
- Simon Range, University of Munich

“We were impressed with the timing and the quality of the 4-Thio-UTP that we ordered. Obviously it is of utmost importance to our research that we are able to rely on companies such as TriLink to provide quality products when we require them.”
- Christine Woltjen, Research Associate at the Ohio State University

“TriLink has a large selection of modified dNTPs that were instrumental in our research. Without TriLink, we would have been forced to have these dNTPs synthesized.”
- Anthony Berdis, Assistant Professor of Pharmacology at Case Western Reserve University

“The people I have dealt with have always been professional and have a good working knowledge of products...a huge plus! You offer a product not available through any other source (ppGpp). I have a small lab and even though we could make the compound ourselves, not having to dedicate someone to make the compound speeds up my research endeavors. I think you are great...really!”
- Victoria Robinson, Associate Professor at University of Connecticut

“I used the website to order nucleotides for a new protocol. I placed my order on Friday and received the items promptly on Tuesday. I appreciated the ease of use and rapid shipment.”
- Kyle Doolan, University of Delaware

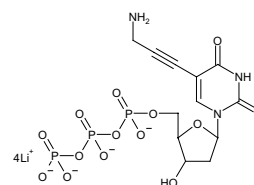


Featured Products

DNA/RNA Labeling

Aminoallyl modified NTPs offer a more efficient method than pre-labeled NTPs for high density labeling of DNA. Following enzymatic incorporation of Aminoallyl NTPs, amine reactive moieties, such as a fluorescent dye, biotin, hapten or protein, can be conjugated throughout the resultant DNA molecule. Aminoallyl NTPs can be used for indirect DNA labeling in PCR, nick translation, primer extensions and cDNA synthesis.

- N-2048 5-Aminoallyl-2'-deoxycytidine-5'-Triphosphate
- N-2049 5-Aminoallyl-2'-deoxyuridine-5'-Triphosphate
- N-1065 5-Aminoallylcytidine-5'-Triphosphate
- N-1062 5-Aminoallyluridine-5'-Triphosphate
- N-2061 5-Propargylamino-2'-deoxycytidine-5'-Triphosphate
- N-2062 5-Propargylamino-2'-deoxyuridine-5'-Triphosphate
- N-5005 Biotin-16-Aminoallyluridine-5'-Triphosphate (Biotin-16-UTP)



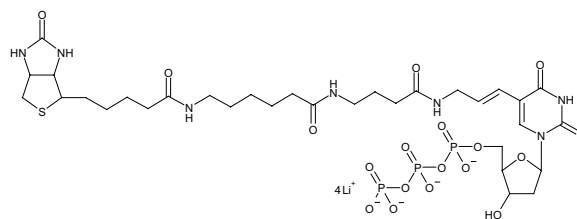
5-Propargylamino-2'-deoxyuridine-5'-Triphosphate

Capture and Separation

Biotin, a small molecule hapten that binds to the protein avidin, is perhaps the most widely used capture system. The affinity of biotin to avidin and streptavidin is extremely high, making it a very efficient molecular biology tool. Biotin labeled nucleotides are commonly used in affinity isolation, secondary label introduction and nucleic acid detection. For applications where the biotin-streptavidin bond is too strong, the use of desthiobiotin allows easy reversal of this interaction by washing with a large excess of free biotin.

TriLink's biotin monophosphates allow functionalization of RNA through *in vitro* transcription. TriLink's biotin dNTPs allow efficient uniform labeling in PCR.

- N-5001 Biotin-16-Aminoallyl-2'-deoxyuridine-5'-Triphosphate
- N-5002 Biotin-16-Aminoallyl-2'-deoxycytidine-5'-Triphosphate
- N-5003 Biotin-16-Aminoallylcytidine-5'-Triphosphate
- N-5004 N⁴-Biotin-OBEA-2'-deoxycytidine-5'-Triphosphate
- N-5005 Biotin-16-Aminoallyluridine-5'-Triphosphate
- N-5006 Biotin-16-7-Deaza-7-Aminoallyl-2'-deoxyguanosine-5'-Triphosphate
- N-5008 Desthiobiotin-6-Aminoallyl-2'-deoxycytidine-5'-Triphosphate
- N-6003 5'-Biotin-G-Monophosphate
- N-6004 5'-Biotin-A-Monophosphate
- N-6005 5'-Biotin-dG-Monophosphate
- N-6006 5'-Biotin-dA-Monophosphate



Biotin-16-Aminoallyl-2'-deoxyuridine-5'-Triphosphate

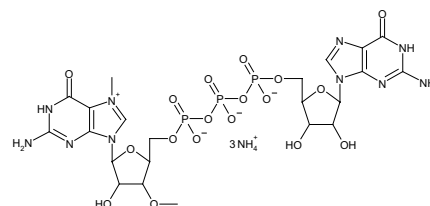
“I always get high quality products from TriLink in a short and reasonable time frame.”

- Tae-Jin Lee, North Carolina State University

Capping

A key step in mRNA processing is addition of a 5' CAP structure with a 5'-5' triphosphate linkage between the 5' end of the RNA and a guanosine nucleotide. The CAP is then methylated to form mature mCAP. Capping stabilizes the mRNA and greatly enhances translation. Substitution of 4:1 CAP analog:GTP in transcription reactions results in capping of 80% of mRNAs, with half of the asymmetrical CAP insertions in the functional orientation. Anti-reverse cap analog (ARCA) can only insert in the correct orientation, resulting in mRNAs that are translated twice as efficiently. TriLink is the least expensive source of high quality CAP, mCAP and ARCA reagents.

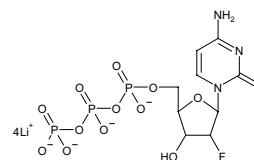
- N-7002 Guanosine-5'-Triphosphate-5'-Guanosine (CAP)
- N-7001 N⁷-Me-Guanosine-5'-Triphosphate-5'-Guanosine (mCAP)
- N-7003 N⁷-Me-3'-O-Me-Guanosine-5'-Triphosphate-5'-Guanosine (ARCA)



N7-Me-3'-O-Me-Guanosine-5'-Triphosphate-5'-Guanosine (ARCA)

Nuclease Stability

2' Fluoro and 2' O-Methyl NTPs are being utilized in an increasing number of applications in research and new drug development. However, 2' Fluoro and 2' O-Methyl NTPs are most commonly enzymatically incorporated for improvement of *in vivo* stability in both DNA and RNA. They are used in the design and synthesis of aptamers, antagomirs and siRNA, because they impart increased target affinity and nuclease resistance while reducing immune response. 2' O-Methyl modifications in particular form very stable chimeric duplexes with standard RNA.



2'-Fluoro-2'-deoxycytidine-5'-Triphosphate

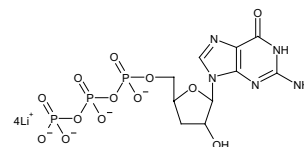
N-1007	2'-Fluoro-2'-deoxyadenosine-5'-Triphosphate
N-1008	2'-Fluoro-2'-deoxycytidine-5'-Triphosphate
N-1009	2'-Fluoro-2'-deoxyguanosine-5'-Triphosphate
N-1010	2'-Fluoro-2'-deoxyuridine-5'-Triphosphate
N-1055	2'-Fluoro-2'-deoxythymidine-5'-Triphosphate
N-1015	2'-O-Methyladenosine-5'-Triphosphate
N-1016	2'-O-Methylcytidine-5'-Triphosphate
N-1017	2'-O-Methylguanosine-5'-Triphosphate
N-1018	2'-O-Methyluridine-5'-Triphosphate
N-1021	2'-O-Methylinosine-5'-Triphosphate
N-1040	2'-O-Methyl-2-aminoadenosine-5'-Triphosphate
N-1041	2'-O-Methylpseudouridine-5'-Triphosphate
N-1043	2'-O-Methyl-5-methyluridine-5'-Triphosphate

“TriLink offers not just better pricing but specialized services at large scale and functional, quality 2'-Fluoro-dCTP and 2'-Fluoro-dUTP. TriLink's technical customer support was knowledgeable and gave me confidence about the products.”

- Sriramchandra Mangipudi, University of Washington, Seattle

Chain Termination

3' dNTPs and 2',3' ddNTPs are referred to as chain terminators. When DNA and RNA are made enzymatically *in vitro* nucleotides are added to the 3' or hydroxyl terminus of the growing chain. Once a chain terminating nucleotide is incorporated no further additions of nucleotides are possible. This can be accomplished by using our 3'-Deoxy, 2',3'-Dideoxy, 3'-Azido or 3'-Amino nucleotide derivatives. Chain terminators have a wide variety of applications including sequencing, studies of enzyme mechanics and therapeutic use.



3'-Deoxyguanosine-5'-Triphosphate

N-3001	3'-Deoxyadenosine-5'-Triphosphate
N-3002	3'-Deoxyguanosine-5'-Triphosphate
N-3003	3'-Deoxycytidine-5'-Triphosphate
N-3005	3'-Deoxyuridine-5'-Triphosphate
N-4001	2',3'-Dideoxyadenosine-5'-Triphosphate
N-4002	2',3'-Dideoxyguanosine-5'-Triphosphate
N-4003	2',3'-Dideoxyuridine-5'-Triphosphate
N-4004	2',3'-Dideoxythymidine-5'-Triphosphate
N-4005	2',3'-Dideoxycytidine-5'-Triphosphate
N-4017	2',3'-Dideoxyinosine-5'-Triphosphate
N-4010	3'-Amino-2',3'-Dideoxyadenosine-5'-Triphosphate
N-4011	3'-Amino-2',3'-Dideoxycytidine-5'-Triphosphate
N-4012	3'-Amino-2',3'-Dideoxyguanosine-5'-Triphosphate
N-4013	3'-Amino-2',3'-Dideoxythymidine-5'-Triphosphate
N-4007	3'-Azido-2',3'-Dideoxyadenosine-5'-Triphosphate
N-4014	3'-Azido-2',3'-Dideoxycytidine-5'-Triphosphate
N-4008	3'-Azido-2',3'-Dideoxyguanosine-5'-Triphosphate
N-4009	3'-Azido-2',3'-Dideoxythymidine-5'-Triphosphate
N-4015	3'-Azido-2',3'-Dideoxyuridine-5'-Triphosphate

“I use ddNTPs from TriLink for sequencing using DNA and RNA as templates and it always gives me good results.”

- Michal Legiewicz, Yale University

Nucleotide Quick Guide

Cat.#	Name	1 µmol	5 µmol	10 µmol
N-1001	2-Amino-ATP	\$77.50	\$365	\$625
N-1002	2-Amino-6-Cl-RTP	\$97.50	\$465	\$850
N-1004	8-Aza-ATP	\$250	\$1,150	\$2,250
N-1006	6-Cl-RTP	\$77.50	\$365	\$625
N-1007	2'-Fluoro-dATP	\$45	\$125	\$225
N-1008	2'-Fluoro-dCTP	\$45	\$125	\$225
N-1009	2'-Fluoro-dGTP	\$45	\$125	\$225
N-1010	2'-Fluoro-dUTP	\$45	\$125	\$225
N-1011	5-Iodo-CTP	\$77.50	\$365	\$625
N-1012	5-Iodo-UTP	\$77.50	\$365	\$625
N-1013	N ⁶ -Methyl-ATP	\$52.50	\$255	\$415
N-1014	5-Methyl-CTP	\$77.50	\$365	\$625
N-1015	2'-O-Methyl-ATP	\$27.50	\$115	\$205
N-1016	2'-O-Methyl-CTP	\$27.50	\$115	\$205
N-1017	2'-O-Methyl-GTP	\$27.50	\$115	\$205
N-1018	2'-O-Methyl-UTP	\$27.50	\$115	\$205
N-1019	Pseudo-UTP	\$77.50	\$365	\$625
N-1020	ITP	\$52.50	\$255	\$415
N-1021	2'-O-Methyl-ITP	\$77.50	\$365	\$625
N-1022	Puromycin-TP	\$97.50	\$465	\$850
N-1023	Xanthosine-TP	\$52.50	\$255	\$415
N-1024	5-Methyl-UTP	\$77.50	\$365	\$625
N-1025	4-Thio-UTP	\$97.50	\$465	\$850
N-1026	2'-Amino-dCTP	\$77.50	\$365	\$625
N-1027	2'-Amino-dUTP	\$77.50	\$365	\$625
N-1028	2'-Azido-dCTP	\$77.50	\$365	\$625
N-1029	2'-Azido-dUTP	\$77.50	\$365	\$625
N-1031	O ⁶ -Methyl-GTP	\$155	\$695	\$1,235
N-1032	2-Thio-UTP	\$77.50	\$365	\$625
N-1033	Ara-CTP	\$52.50	\$255	\$415
N-1034	Ara-UTP	\$97.50	\$465	\$850
N-1035	5,6-Dihydro-UTP	\$97.50	\$465	\$850
N-1036	2-Thio-CTP	\$77.50	\$365	\$625
N-1037	6-Aza-CTP	\$77.50	\$365	\$625
N-1038	6-Aza-UTP	\$77.50	\$365	\$625
N-1039	N ¹ -Methyl-GTP	\$77.50	\$365	\$625
N-1040	2'-O-Methyl-2-Amino-ATP	\$77.50	\$365	\$625
N-1041	2'-O-Methylpseudo-UTP	\$52.50	\$255	\$415
N-1042	N ¹ -Methyl-ATP	\$77.50	\$365	\$625
N-1043	2'-O-Methyl-5-methyl-UTP	\$52.50	\$255	\$415
N-1044	7-Deaza-GTP	\$97.50	\$465	\$850
N-1045	2'-Azido-dATP	\$77.50	\$365	\$625
N-1046	2'-Amino-dATP	\$52.50	\$255	\$415
N-1048	Ara-ATP	\$77.50	\$365	\$625
N-1052	8-Azido-ATP	\$52.50	\$255	\$415
N-1053	5-Bromo-CTP	\$155	\$695	\$1,235
N-1054	5-Bromo-UTP	\$52.50	\$255	\$415
N-1055	2'-Fluoro-dTTP	\$45	\$125	\$225
N-1056	3'-O-Methyl-ATP	\$77.50	\$365	\$625
N-1057	3'-O-Methyl-CTP	\$77.50	\$365	\$625
N-1058	3'-O-Methyl-GTP	\$77.50	\$365	\$625
N-1059	3'-O-Methyl-UTP	\$77.50	\$365	\$625
N-1061	7-Deaza-ATP	\$77.50	\$365	\$625
N-1062	5-AA-UTP	\$52.50	\$255	\$415
N-1063	2'-Azido-dGTP	\$77.50	\$365	\$625
N-1064	2'-Amino-dGTP	\$77.50	\$365	\$625
N-1065	5-AA-CTP	\$77.50	\$365	\$625
N-1066	8-Oxo-GTP	\$52.50	\$255	\$415
N-1067	2-Amino-RTP	\$97.50	\$465	\$850
N-1079	Pseudoiso-CTP	\$175	\$775	\$1,450
N-1080	N ⁴ -Methyl-CTP	\$97.50	\$465	\$850
N-1081	N ¹ -Methylpseudo-UTP	\$77.50	\$365	\$625
N-1082	5,6-Dihydro-5-Methyl-UTP	\$97.50	\$465	\$850

Cat.#	Name	1 µmol	5 µmol	10 µmol
N-1083	N ⁶ -Methyl-Amino-ATP	\$77.50	\$365	\$625
N-1084	5-Carboxy-CTP	\$97.50	\$450	\$825
N-1085	5-Formyl-CTP	\$97.50	\$450	\$825
N-1086	5-Hydroxymethyl-UTP	\$155.00	\$715	\$1,325
N-1087	5-Hydroxymethyl-CTP	\$97.50	\$450	\$825
N-1088	Thieno-GTP	\$77.50	\$360	\$650
N-1089	5-Hydroxy-CTP	\$77.50	\$360	\$650
N-1090	5-Formyl-UTP	\$97.50	\$450	\$825
N-1095	Thieno-UTP	\$77.50	\$360	\$650
N-2002	2-Amino-6-Cl-dRTP	\$97.50	\$465	\$850
N-2003	2-Amino-dATP	\$77.50	\$365	\$625
N-2004	2-Amino-dRTP	\$97.50	\$465	\$850
N-2006	5-Bromo-dCTP	\$77.50	\$365	\$625
N-2008	5-Bromo-dUTP	\$27.50	\$115	\$205
N-2009	6-Chloro-dRTP	\$77.50	\$365	\$625
N-2010	7-Deaza-dATP	\$52.50	\$255	\$415
N-2011	7-Deaza-dGTP	\$60	\$285	\$475
N-2012	dITP	\$77.50	\$365	\$625
N-2016	5-Propynyl-dCTP	\$77.50	\$365	\$625
N-2017	5-Propynyl-dUTP	\$77.50	\$365	\$625
N-2020	2'-dUTP	\$27.50	\$115	\$205
N-2022	5-Fluoro-dUTP	\$52.50	\$255	\$415
N-2023	5-Iodo-dCTP	\$97.50	\$465	\$850
N-2024	5-Iodo-dUTP	\$52.50	\$255	\$415
N-2025	N ⁶ -Methyl-dATP	\$97.50	\$465	\$850
N-2026	5-Methyl-dCTP	\$52.50	\$255	\$415
N-2027	O ⁶ -Methyl-dGTP	\$155	\$695	\$1,235
N-2028	N ² -Methyl-dGTP	\$250	\$1,150	\$2,250
N-2031	5-Nitro-1-Indolyl-dRTP	\$250	\$1,150	\$2,250
N-2033	8-Oxo-dATP	\$77.50	\$365	\$625
N-2034	8-Oxo-dGTP	\$77.50	\$365	\$625
N-2035	2-Thio-dTTP	\$97.50	\$465	\$850
N-2037	2'-dPTP	\$97.50	\$465	\$850
N-2038	5-Hydroxy-dCTP	\$77.50	\$365	\$625
N-2041	4-Thio-dTTP	\$77.50	\$365	\$625
N-2042	2-Thio-dCTP	\$97.50	\$465	\$850
N-2043	6-Aza-dUTP	\$77.50	\$365	\$625
N-2045	6-Thio-dGTP	\$250	\$1,150	\$2,250
N-2046	8-Chloro-dATP	\$77.50	\$365	\$625
N-2048	5-AA-dCTP	\$77.50	\$365	\$625
N-2049	5-AA-dUTP	\$52.50	\$255	\$415
N-2057	N ⁴ -Methyl-dCTP	\$77.50	\$365	\$625
N-2058	2'-deoxyzebularine-TP	\$250	\$1,150	\$2,250
N-2059	5-Hydroxymethyl-dUTP	\$97.50	\$465	\$850
N-2060	5-Hydroxymethyl-dCTP	\$77.50	\$365	\$625
N-2061	5-Propargylamino-dCTP	\$97.50	\$465	\$850
N-2062	5-Propargylamino-dUTP	\$97.50	\$465	\$850
N-2063	5-Carboxy-dCTP	\$97.50	\$465	\$850
N-2064	5-Formyl-dCTP	\$155.00	\$695	\$1,235
N-2065*	5-Indolyl-AA-dUTP	\$525	\$2,235	N/A
N-2066	5-Carboxy-dUTP	\$97.50	\$465	\$850
N-2067	5-Formyl-dUTP	\$97.50	\$465	\$850
N-2501*	Mutagenesis dNTP Mix	N/A	N/A	N/A
N-3001	3'-dATP	\$77.50	\$365	\$625
N-3002	3'-dGTP	\$77.50	\$365	\$625
N-3003	3'-dCTP	\$77.50	\$365	\$625
N-3004	5-Methyl-3'-dUTP	\$77.50	\$365	\$625
N-3005	3'-dUTP	\$77.50	\$365	\$625
N-4001	ddATP	\$27.50	\$115	\$205
N-4002	ddGTP	\$27.50	\$115	\$205
N-4003	ddUTP	\$27.50	\$115	\$205
N-4004	ddTTP	\$27.50	\$115	\$205
N-4005	ddCTP	\$27.50	\$115	\$205

Cat.#	Name	1 μmol	5 μmol	10 μmol
N-4007	3'-Azido-ddATP	\$97.50	\$465	\$850
N-4008	3'-Azido-ddGTP	\$97.50	\$465	\$850
N-4009	3'-Azido-ddTTP	\$97.50	\$465	\$850
N-4010	3'-Amino-ddATP	\$175	\$775	\$1,450
N-4011	3'-Amino-ddCTP	\$175	\$775	\$1,450
N-4012	3'-Amino-ddGTP	\$175	\$775	\$1,450
N-4013	3'-Amino-ddTTP	\$97.50	\$465	\$850
N-4014	3'-Azido-ddCTP	\$97.50	\$465	\$850
N-4015	3'-Azido-ddUTP	\$97.50	\$465	\$850
N-4016	5-Bromo-ddUTP	\$97.50	\$465	\$850
N-4017	ddlTP	\$155	\$695	\$1,235
N-5001*	Biotin-16-dUTP	\$525	N/A	N/A
N-5002*	Biotin-16-dCTP	\$525	N/A	N/A
N-5003*	Biotin-16-CTP	\$525	N/A	N/A
N-5004*	N ⁶ -Biotin-dCTP	\$525	N/A	N/A
N-5005*	Biotin-16-UTP	\$525	N/A	N/A
N-5007*	DabcyI-dUTP	N/A	N/A	N/A
N-5008*	Desthiobiotin-6-dCTP	\$575	N/A	N/A
N-5009*	Desthiobiotin-16-UTP	\$575	N/A	N/A
N-6001	ppGpp	\$175	\$775	\$1,450
N-6002	pGp	\$155	\$695	\$1,235
N-6003	5'-Biotin-GMP	\$52.50	\$255	\$415
N-6004	5'-Biotin-AMP	\$52.50	\$255	\$415
N-6005	5'-Biotin-dGMP	\$52.50	\$255	\$415
N-6006	5'-Biotin-dAMP	\$52.50	\$255	\$415
N-6009	5'-Amino-GMP	\$52.50	\$255	\$415
N-7001	mCAP	\$77.50	\$365	\$625
N-7002	CAP	\$77.50	\$365	\$625
N-7003	ARCA	\$115	\$525	\$975
N-8001	(1-Thio)-dATP	\$27.50	\$115	\$205
N-8002	(1-Thio)-dCTP	\$27.50	\$115	\$205
N-8003	(1-Thio)-dGTP	\$52.50	\$255	\$415
N-8004	(1-Thio)-dTTP	\$27.50	\$115	\$205
N-8005	(1-Thio)-ATP	\$27.50	\$115	\$205

Cat.#	Name	1 μmol	5 μmol	10 μmol
N-8006	(1-Thio)-CTP	\$77.50	\$365	\$625
N-8007	(1-Thio)-GTP	\$27.50	\$115	\$205
N-8008	(1-Thio)-UTP	\$27.50	\$115	\$205
N-8009	(1-Thio)-ddATP	\$77.50	\$365	\$625
N-8010	(1-Thio)-ddCTP	\$77.50	\$365	\$625
N-8011	(1-Thio)-ddGTP	\$52.50	\$255	\$415
N-8012	(1-Thio)-ddTTP	\$52.50	\$255	\$415
N-8013	(1-Thio)-3'-Azido-ddTTP	\$97.50	\$465	\$850
N-8015	(1-Thio)-ddUTP	\$52.50	\$255	\$415
N-8050	(1-Borano)-dATP	\$175	\$775	\$1,450
N-8051	(1-Borano)-dCTP	\$175	\$775	\$1,450
N-8052	(1-Borano)-dGTP	\$175	\$775	\$1,450
N-8053	(1-Borano)-dTTP	\$175	\$775	\$1,450
N-9001	Ganciclovir-TP	\$155	\$695	\$1,235
N-9002	Cidofovir-DP	\$175	\$775	\$1,450

*View website for additional pack sizes and pricing.

Scan the QR code to view the most up-to-date product list. Browse by structural class, application, property, base analog or catalog number. Inquire for bulk quantities.



Standard dNTPs Available

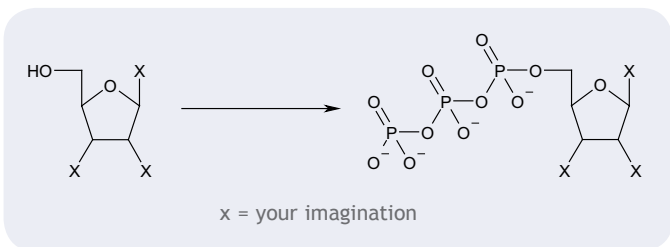
For our customers' convenience TriLink offers unmodified 2'-deoxynucleotide-5'-Triphosphates individually and in sets.

N-2505 Set of dATP, dCTP, dGTP, dTTP

N-2510 2'-dATP
 N-2511 2'-dCTP
 N-2512 2'-dGTP
 N-2513 2'-dTTP

Custom Nucleoside Triphosphate Synthesis Service

TriLink has developed detailed protocols to convert nucleosides into triphosphates. The starting nucleoside can be made in house, customer supplied or purchased if it is commercially available. Each triphosphate is purified to greater than 90% by AX-HPLC and ³¹P NMR and delivered as the Li⁺, Na⁺ or TEA salt. Our standard service includes HPLC, ³¹P NMR, ¹H NMR and MS analysis along with a certificate of analysis. Additional services include custom labeling and documentation, concentration adjustment and research & development. Contact us to discuss your path to pharmaceutical GMP manufacturing.



Request a Quote



Discovery Drawer

TriLink's Discovery Drawer is a collection of rare nucleosides, nucleotides and other small molecules and intermediates previously tucked away in TriLink's labs and the labs of other leading nucleic acid chemists. TriLink has made these unique chemicals available to aid researchers seeking new doors to discovery. View the complete collection at trilinkbiotech.com/discoverydrawer.



The Modified Nucleic Acid Experts

Since 1996 TriLink has offered cutting edge services to researchers in the fields of gene therapy, nucleoside chemotherapy, oligonucleotide therapy and diagnostics. Our scientists and technicians have decades of collective experience in synthesizing modified nucleosides, nucleotides, oligonucleotides and transcripts for research, diagnostics and pre-clinical therapeutic applications.

TriLink operates a GMP laboratory with a QSR environment and provides:

- Milligram to multi-gram synthesis
- Highly-modified oligonucleotides and nucleosides
- Custom chemistry
- Custom RNA transcript synthesis
- Contract research services
- Industry-leading technical support

Follow Us



TriLink BioTechnologies, Inc.
9955 Mesa Rim Road | San Diego, CA 92121
P 858-546-0004 | 800-863-6801



Printed on 30% Post
Consumer Recycled Paper
Printed with Soy-Based Inks

Copyright © 2013 TriLink BioTechnologies, Inc. All rights reserved by the respective owner. OligoBuilder is a registered service mark and the TriLink logo is a trademark of TriLink BioTechnologies, Inc. All other trademarks are covered by their respective owners.

TriLink products are not for resale without express written permission. Not for use in humans. No license under any patent is granted or implied by the purchase of any TriLink product. All and any use of TriLink product is the purchaser's sole responsibility.