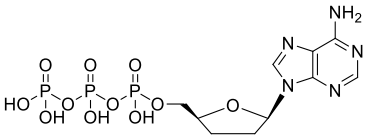
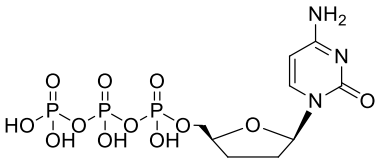
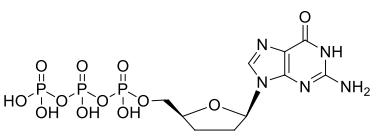
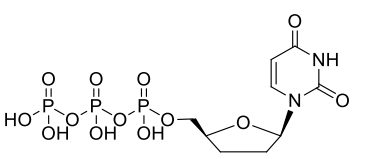
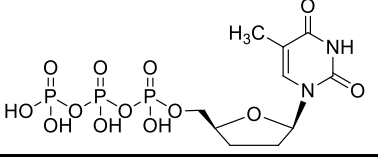
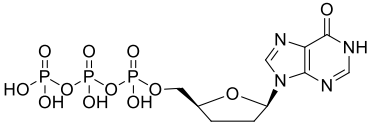
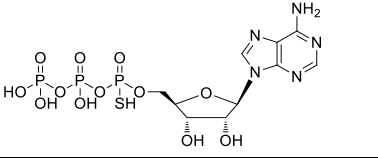


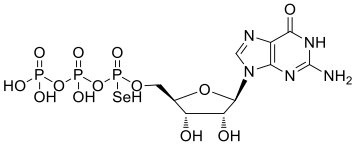
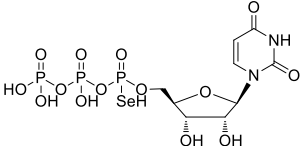
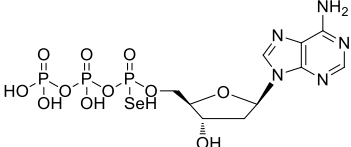
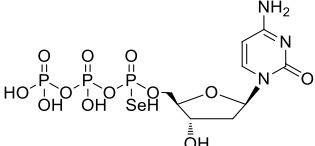
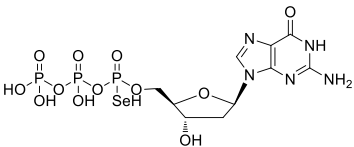
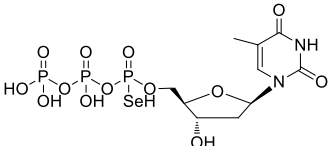
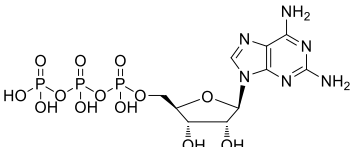
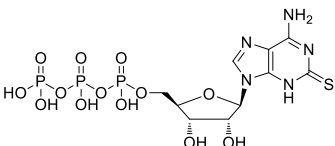
# Product List

| Cat#                                                           | Structure                                                                           | Chemical Name                                                 | Cas #                                                 |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|
| <b>ddNTP</b>                                                   |                                                                                     |                                                               |                                                       |
| TP0001                                                         |    | <b>ddATP</b><br>2',3'-Dideoxyadenosine-5'-triphosphate        | 24027-80-3                                            |
| TP0002                                                         |    | <b>ddCTP</b><br>2',3'-Dideoxycytidine-5'-triphosphate         | 66004-77-1                                            |
| TP0003                                                         |   | <b>ddGTP</b><br>2',3'-Dideoxyguanosine-5'-triphosphate        |                                                       |
| TP0004                                                         |  | <b>ddUTP</b><br>2',3'-Dideoxyuridine-5'-triphosphate          | 84445-38-5                                            |
| TP0005                                                         |  | <b>ddTTP</b><br>2',3'-Dideoxythymidine-5'-triphosphate        | 128524-26-5<br>(Sodium salt),<br>611-60-9 (free acid) |
| TP0006                                                         |  | <b>ddITP</b><br>2',3'-Dideoxyinosine-5'-triphosphate          |                                                       |
| <b>α-Phosphate Modified nucleotides (Rp and Sp separately)</b> |                                                                                     |                                                               |                                                       |
| <b>NTPαS and dNTPαS</b>                                        |                                                                                     |                                                               |                                                       |
| TP0007                                                         |  | <b>ATPαS (Sp or Rp)</b><br>Adenosine-5'-(α-thio)-triphosphate | 29220-54-0                                            |

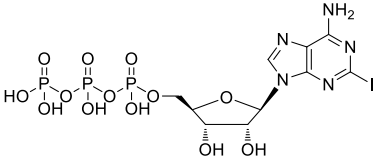
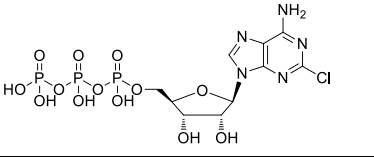
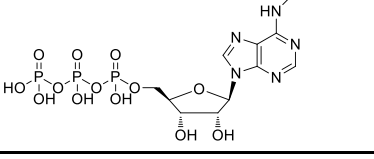
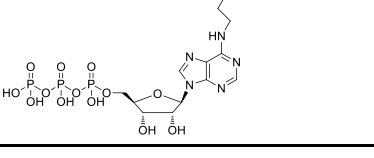
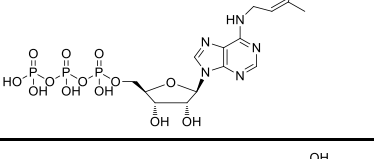
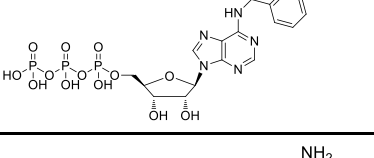
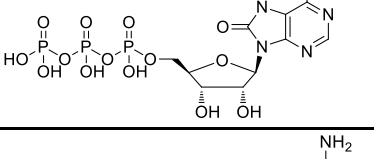
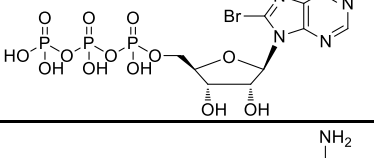
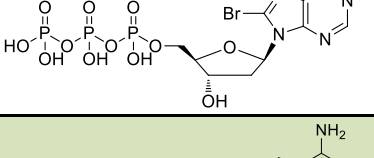
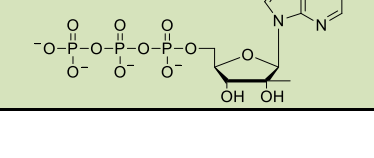
# Product List

| Cat#                      | Structure | Chemical Name                                                           | Cas #      |
|---------------------------|-----------|-------------------------------------------------------------------------|------------|
| TP0008                    |           | <b>CTPaS (Sp or Rp)</b><br>Cytidine-5'-(α-thio)-triphosphate            |            |
| TP0009                    |           | <b>GTPaS (Sp or Rp)</b><br>Guanosine-5'-(α-thio)-triphosphate           | 81570-51-6 |
| TP0010                    |           | <b>UTPaS (Sp or Rp)</b><br>Uridine-5'-(α-thio)-triphosphate             | 71214-29-4 |
| TP0011                    |           | <b>dATPaS (Sp or Rp)</b><br>2'-Deoxyadenosine-5'-(α-thio)-triphosphate  | 64145-28-4 |
| TP0012                    |           | <b>dCTPaS (Sp or Rp)</b><br>2'-Deoxycytidine-5'-(α-thio)-triphosphate   | 64145-29-5 |
| TP0013                    |           | <b>dGTPaS (Sp or Rp)</b><br>2'-Deoxyguanosine-5'-(α-thio)-triphosphate, | 82337-56-2 |
| TP0014                    |           | <b>dTTPaS (Sp or Rp)</b><br>2'-Deoxythymidine-(α-thio)-triphosphate     | 18883-94-8 |
| <b>NTPaSe and dNTPaSe</b> |           |                                                                         |            |
| TP0015                    |           | <b>ATPaSe (Sp or Rp)</b><br>Adenosine-5'-(α-seleno)-triphosphate        |            |
| TP0016                    |           | <b>CTPaSe (Sp or Rp)</b><br>Cytidine-5'-(α-seleno)-triphosphate         |            |

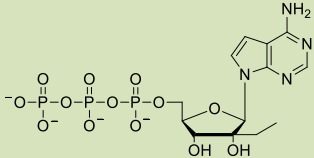
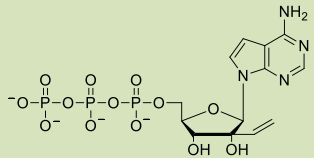
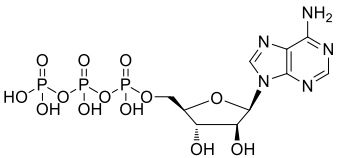
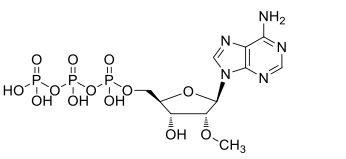
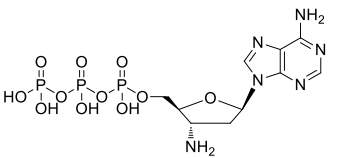
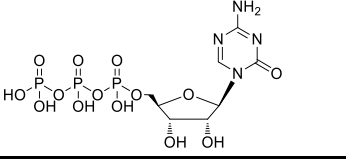
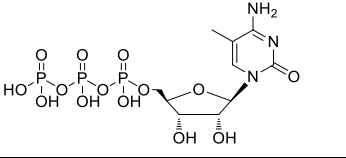
# Product List

| Cat#                 | Structure                                                                           | Chemical Name                                                             | Cas # |
|----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------|
| TP0017               |    | <b>GTPαSe (Sp or Rp)</b><br>Guanosine-5'-(α-seleno)-triphosphate          |       |
| TP0018               |    | <b>UTPαSe (Sp or Rp)</b><br>Uridine-5'-(α-seleno)-triphosphate            |       |
| TP0019               |    | <b>dATPαSe (Sp or Rp)</b><br>2'-Deoxyadenosine-5'-(α-seleno)-triphosphate |       |
| TP0020               |   | <b>dCTPαSe (Sp or Rp)</b><br>2'-Deoxycytidine-5'-(α-seleno)-triphosphate  |       |
| TP0021               |  | <b>dGTPαSe (Sp or Rp)</b><br>2'-Deoxyguanosine-5'-(α-seleno)-triphosphate |       |
| TP0022               |  | <b>dTTPαSe (Sp or Rp)</b><br>2'-Deoxythymidine-5'-(α-seleno)-triphosphate |       |
| <b>A</b>             |                                                                                     |                                                                           |       |
| <b>Base Modified</b> |                                                                                     |                                                                           |       |
| TP0023               |  | <b>2-NH<sub>2</sub>-ATP</b><br>2-amino-Adenosine 5'triphosphate           |       |
| TP0024               |  | <b>2-Thio-ATP</b><br>2-Thioadenosine-5'-triphosphate                      |       |

# Product List

| Cat#   | Structure                                                                           | Chemical Name                                                                          | Cas #                     |
|--------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------|
| TP0025 |    | <b>2-Indo-ATP</b><br>(2I-ATP)<br>2-Indo-adenosine-5'-triphosphate                      |                           |
| TP0026 |    | <b>2-Chloro-ATP</b><br>(2Cl-ATP)<br>2-Chloro-adenosine-5'-triphosphate                 |                           |
| TP0027 |    | <b>N6- Methyl-ATP</b><br>N6-Methyl-adenosine-5'-triphosphate                           | 3130-39-0<br>(acid)       |
| TP0028 |   | <b>N6-(2- hydroxyethyl)-ATP</b><br>N6-(2- hydroxyethyl)adenosine-5'-triphosphate       |                           |
| TP0029 |  | <b>N6-(3-Methyl-2-butenyl)-ATP</b><br>N6-(3-Methyl-2-butenyl)adenosine-5'-triphosphate |                           |
| TP0030 |  | <b>N6-(3-Hydroxybenzyl)-ATP</b><br>N6-(3-Hydroxybenzyl)-adenosine-5'-triphosphate      |                           |
| TP0031 |  | <b>8-Oxo-ATP</b><br>8-Oxo-adenosine-5'-triphosphate                                    |                           |
| TP0032 |  | <b>8-Bromo-ATP</b><br>(8Br-ATP)<br>8-Bromo-adenosine-5'-triphosphate                   | 23567-97-7,<br>81035-56-5 |
| TP0033 |  | <b>8-Bromo-dATP</b><br>(8Br-dATP)<br>8-Bromo-2'-deoxyadenosine-5'-triphosphate         | 92410-99-6                |
|        |  | <b>7-Deaza-2'-C-methyl-ATP</b><br>7-Deaza-2'-C-methyl-adenosine-5'-triphosphate        |                           |

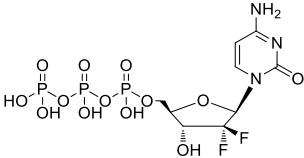
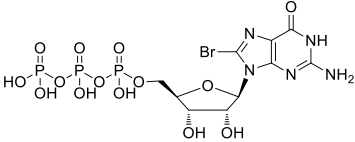
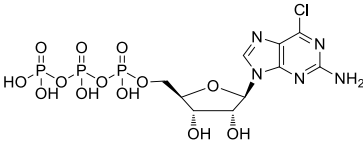
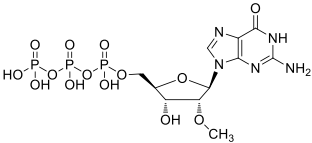
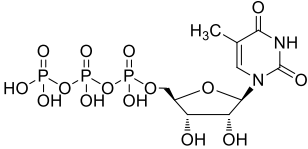
# Product List

| Cat#                           | Structure                                                                           | Chemical Name                                                                           | Cas #                 |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------|
|                                |    | <b>7-Deaza-2'-C-ethyl-ATP</b><br>7-Deaza-2'-C-ethyl-adenosine-5'-triphosphate           |                       |
|                                |    | <b>7-Deaza-2'-C-vinyl-ATP</b><br>7-Deaza-2'-C-vinyl-adenosine-5'-triphosphate           |                       |
| <b>Ribose Modified</b>         |                                                                                     |                                                                                         |                       |
| TP0034                         |   | <b>ara-ATP</b><br>Vidarabine triphosphate,<br>Adenine-arabinofuranoside-5'-triphosphate | 3714-60-1             |
| TP0035                         |  | <b>2'Ome-ATP</b><br>2'-O-Methyladenosine-5'-triphosphate                                |                       |
| TP0036                         |  | <b>3'-NH2-ddATP</b><br>3'-Amino-2',3'-dideoxyadenosine-5'-triphosphate                  |                       |
| <b>C</b>                       |                                                                                     |                                                                                         |                       |
| <b>Modified CTPs and dCTPs</b> |                                                                                     |                                                                                         |                       |
| TP0037                         |  | <b>5-Aza-CTP</b><br>5-Aza-cytidine-5'-triphosphate                                      |                       |
| TP0038                         |  | <b>5-Methyl-CTP</b><br>5-Methylcytidine-5'-triphosphate                                 | 327174-86-7<br>(acid) |

# Product List

| Cat#                   | Structure | Chemical Name                                                                                 | Cas #      |
|------------------------|-----------|-----------------------------------------------------------------------------------------------|------------|
| TP0039                 |           | <b>5-Fluoro-CTP</b><br>(5F-CTP)<br>5-Fluoro-cytidine-5'-triphosphate                          |            |
| TP0040                 |           | <b>5-Aza-dCTP</b><br>5-Aza-2'-deoxycytidine-5'-triphosphate                                   | 72052-96-1 |
| TP0041                 |           | <b>5-Methyl-dCTP</b><br>5-Methyl-2'-deoxycytidine-5'-triphosphate                             | 22003-12-9 |
| TP0042                 |           | <b>5-Fluoro-dCTP</b><br>(5F-dCTP)<br>5-Fluoro-2'-deoxycytidine-5'-triphosphate                |            |
| TP0043                 |           | <b>5-Bromo-dCTP</b><br>(5Br-dCTP)<br>5-Bromo-2'-deoxycytidine-5'-triphosphate                 | 30419-11-5 |
| TP0044                 |           | <b>5-Iodo-dCTP</b><br>5I-dCTP<br>5-Iodo-2'-deoxycytidine-5'-triphosphate                      | 31747-59-8 |
| <b>Ribose Modified</b> |           |                                                                                               |            |
| TP0045                 |           | <b>ara-CTP</b><br>ara-Cytidine-5'-triphosphate<br>Cytidine-arabinofuranoside-5'-triphosphate, | 13191-15-6 |
| TP0046                 |           | <b>2'OMe-CTP</b><br>2'-O-Methylcytidine-5'-triphosphate                                       |            |
| TP0047                 |           | <b>2'-Fluoro-dCTP</b><br>(2'F-dCTP)<br>2'-Fluoro-2'-deoxycytidine-5'-triphosphate             |            |

# Product List

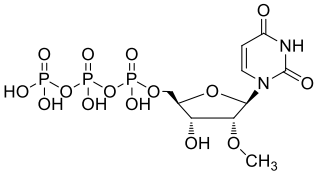
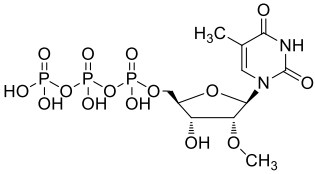
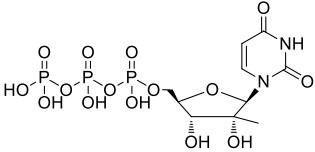
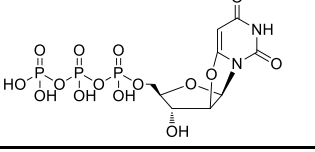
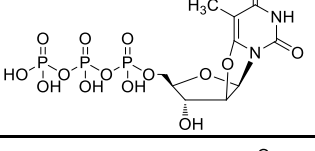
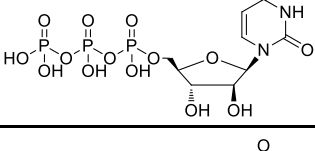
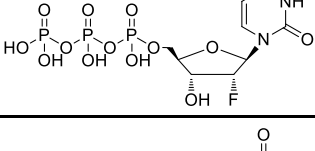
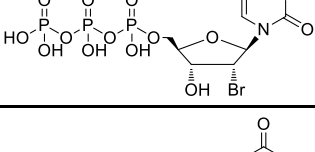
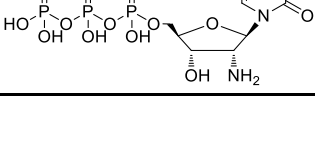
| Cat#                   | Structure                                                                           | Chemical Name                                                                                                           | Cas #      |
|------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------|
| TP0048                 |    | <b>2',2'-Difluoro-dCTP</b><br>(F2-dCTP)<br>2',2'-Difluoro-2'-deoxycytidine-5'-triphosphate                              |            |
| <b>G</b>               |                                                                                     |                                                                                                                         |            |
| <b>Base Modified</b>   |                                                                                     |                                                                                                                         |            |
| TP0049                 |   | <b>8-Bromo-GTP</b><br>(8Br-GTP)<br>8-Bromo-guanosine-5'-triphosphate                                                    | 23197-98-0 |
| TP0050                 |  | <b>6-Chloro-GTP</b><br>6-Chloro-guanosine-5'-triphosphate, Sodium salt<br>2-Amino-6-chloro-9-(β-D-ribofuranosyl)-purine |            |
| <b>Ribose Modified</b> |                                                                                     |                                                                                                                         |            |
| TP0051                 |  | <b>2'OMe-GTP</b><br>2'-O-Methylguanosine-5'-triphosphate                                                                |            |
| <b>U/T</b>             |                                                                                     |                                                                                                                         |            |
| <b>Base Modified</b>   |                                                                                     |                                                                                                                         |            |
| TP0052                 |  | <b>5-Methyl-UTP</b><br>5-Methyluridine-5'-O-triphosphate                                                                | 23198-01-8 |

# Product List

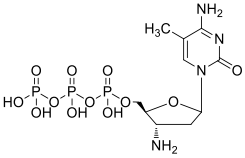
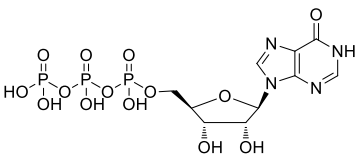
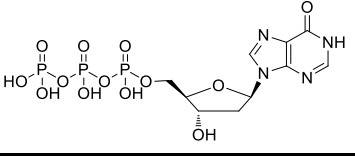
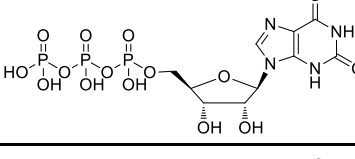
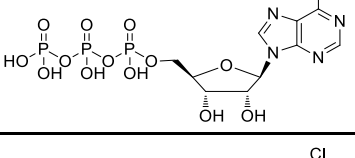
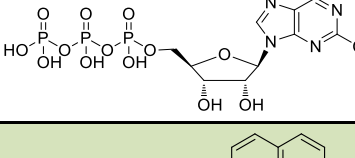
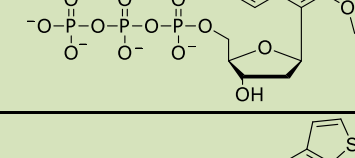
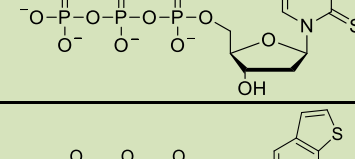
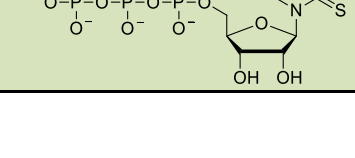
| Cat#                   | Structure | Chemical Name                                                                  | Cas #                     |
|------------------------|-----------|--------------------------------------------------------------------------------|---------------------------|
| TP0053                 |           | <b>5-Fluoro-UTP</b><br>(5F-UTP)<br>5-Fluoro-uridine-5'-triphosphate            | 3828-96-4                 |
| TP0054                 |           | <b>5-Bromo-UTP</b><br>(5Br-UTP)<br>5-Bromo-uridine-5'-triphosphate             | 161848-60-8               |
| TP0055                 |           | <b>5-Iodo-UTP</b><br>(5I-UTP)<br>5-Iodo-uridine-5'-triphosphate                | 34198-43-1<br>(free acid) |
| TP0056                 |           | <b>5-Fluoro-dUTP</b><br>(5F-dUTP)<br>5-Fluoro-2'-deoxyuridine-5'-triphosphate  |                           |
| TP0057                 |           | <b>5-Bromo-dUTP</b><br>(5Br-dUTP)<br>5- Bromo -2'-deoxyuridine-5'-triphosphate | 102212-99-7               |
| TP0058                 |           | <b>5-Iodo-dUTP</b><br>(5I-dUTP)<br>5- Iodo -2'-deoxyuridine-5'-triphosphate    |                           |
| TP0059                 |           | <b>2-Thio-UTP</b><br>(2S-UTP)<br>2-Thiouridine-5'-triphosphate                 | 35763-29-2                |
| TP0060                 |           | <b>2-Seleno-UTP</b><br>(2Se-UTP)<br>2-Seleno-uridine-5'-triphosphate           |                           |
| <b>Ribose Modified</b> |           |                                                                                |                           |
| TP0063                 |           | <b>dUTP</b><br>2'-Deoxyuridine-5'-triphosphate                                 | 102814-08-4               |



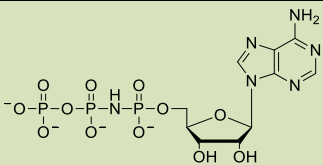
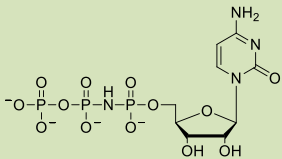
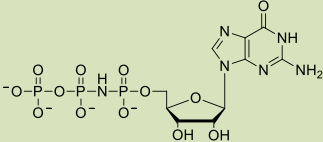
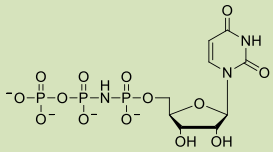
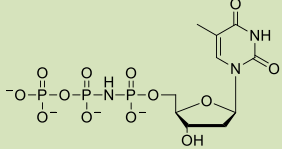
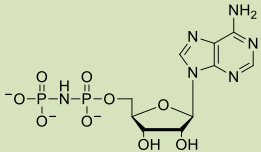
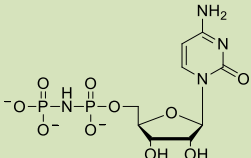
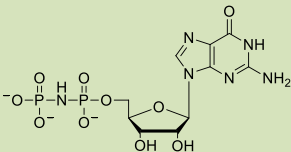
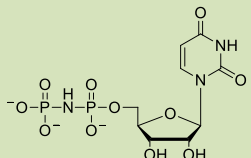
# Product List

| Cat#   | Structure                                                                           | Chemical Name                                                                                             | Cas # |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------|
| TP0064 |    | <b>2'Ome-UTP</b><br>2'-O-Methyluridine-5'-triphosphate                                                    |       |
| TP0065 |    | <b>5-Methyl-2'Ome-UTP</b><br>5-Methyl-2'-O-Methyluridine-5'-triphosphate                                  |       |
| TP0066 |    | <b>2'-Methyl-UTP</b><br>2'-Methyl-uridine-5'-triphosphate                                                 |       |
| TP0067 |   | <b>2,2'-Anhydro-UTP</b><br>2,2' -O-cyclouridine-5'-triphosphate<br>2,2'-O-anhydro-uridine-5'-triphosphate |       |
| TP0068 |  | <b>2,2'-Anhydro-5-methyl-UTP</b><br>2,2'-O-anhydro-5-methyluridine-5'-triphosphate                        |       |
| TP0069 |  | <b>ara-UTP</b><br>Uridine -arabinofuranoside-5'-triphosphate                                              |       |
| TP0070 |  | <b>2'-Fluoro-dUTP</b><br>(2'F-dUTP)<br>2'-Fluoro-2'-deoxyuridine-5'-triphosphates                         |       |
| TP0071 |  | <b>2'-Bromo-dUTP</b><br>(2'Br-dUTP)<br>2'-Bromo-2'-deoxyuridine-5'-triphosphates                          |       |
| TP0072 |  | <b>2'-NH2-dUTP</b><br>2'-Amino-2'-deoxyuridine-5'-triphosphates                                           |       |

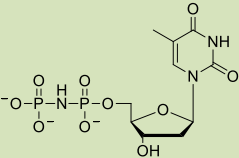
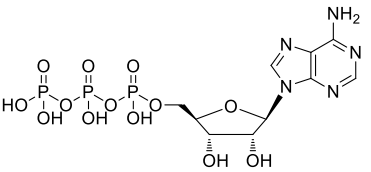
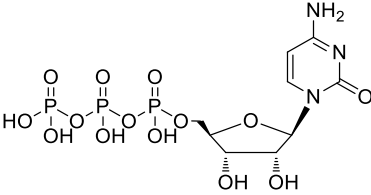
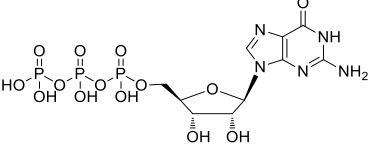
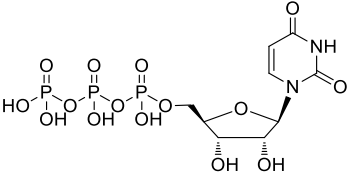
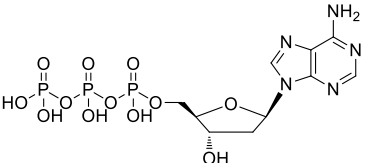
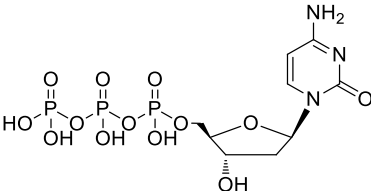
# Product List

| Cat#                    | Structure                                                                           | Chemical Name                                                                                     | Cas # |
|-------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------|
| TP0073                  |    | <b>3'-NH<sub>2</sub>-ddTTP</b><br>3'-Amino-2',3'-Dideoxythymidine-5'-triphosphate                 |       |
| <b>Other Nucleotide</b> |                                                                                     |                                                                                                   |       |
| TP0074                  |    | <b>ITP</b><br>Inosine-5'-triphosphate                                                             |       |
| TP0075                  |   | <b>dITP</b><br>2'-Deoxyinosine-5'-triphosphate                                                    |       |
| TP0076                  |  | <b>XTP</b><br>Xanthosine-5'-triphosphate                                                          |       |
| TP0077                  |  | <b>6-Chloropurine-riboside-5'-triphosphate</b><br>6-Chloropurine-riboside-5'-triphosphate         |       |
| TP0078                  |  | <b>2,6-Dichloropurine-riboside-5'-triphosphate</b><br>2,6-Dichloropurine-riboside-5'-triphosphate |       |
|                         |  | <b>dNaMTP</b>                                                                                     |       |
|                         |  | <b>dTPT3TP</b>                                                                                    |       |
|                         |  | <b>rTPT3TP</b>                                                                                    |       |

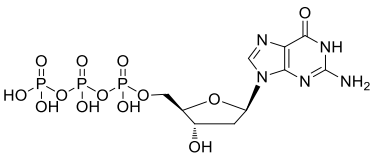
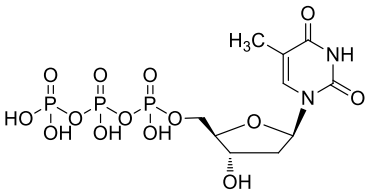
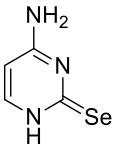
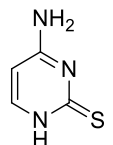
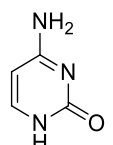
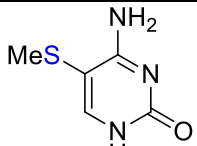
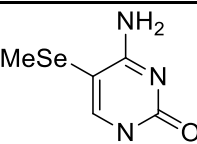
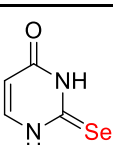
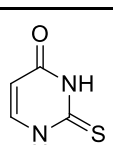
# Product List

| Cat#                                                          | Structure                                                                           | Chemical Name                                                                             | Cas #                       |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|
| <b><math>\alpha,\beta</math> non-hydrolyzable Nucleotides</b> |                                                                                     |                                                                                           |                             |
|                                                               |    | <b>ApNHpp</b><br>(A-PNPP)<br>Adenosine-5'-[( $\alpha,\beta$ )-imido]triphosphate          | 14635-42-6,<br>114635-43-7  |
|                                                               |    | <b>CpNHpp</b><br>(C-PNPP)<br>Cytidine-5'-[( $\alpha,\beta$ )-imido]triphosphate           |                             |
|                                                               |   | <b>GpNHpp</b><br>(G-PNPP)<br>Guanosine-5'-[( $\alpha,\beta$ )-imido]triphosphate          |                             |
|                                                               |  | <b>UpNHpp</b><br>(U-PNPP)<br>Uridine-5'-[( $\alpha,\beta$ )-imido]triphosphate            |                             |
|                                                               |  | <b>dTpNHpp</b><br>(T-PNPP)<br>2'-Deoxythymidine-5'-[( $\alpha,\beta$ )-imido]triphosphate | 141171-14-4,<br>183584-80-7 |
|                                                               |  | <b>ApNHp</b><br>(A-PNP)<br>Adenosine-5'-[( $\alpha,\beta$ )-imido]diphosphate             |                             |
|                                                               |  | <b>CpNHp</b><br>(C-PNP)<br>Cytidine-5'-[( $\alpha,\beta$ )-imido]diphosphate              |                             |
|                                                               |  | <b>GpNHp</b><br>(G-PNP)<br>Guanosine-5'-[( $\alpha,\beta$ )-imido]diphosphate             |                             |
|                                                               |  | <b>UpNHp</b><br>(U-PNP)<br>Uridine-5'-[( $\alpha,\beta$ )-imido]diphosphate               |                             |

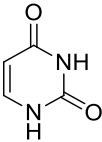
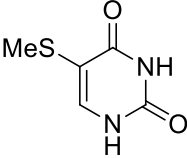
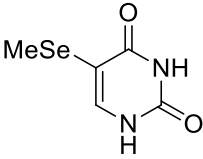
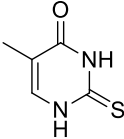
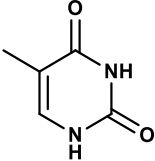
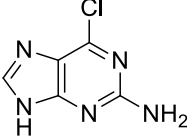
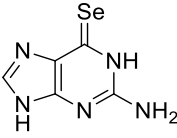
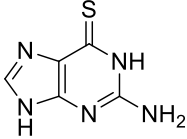
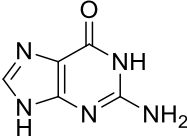
# Product List

| Cat#                        | Structure                                                                           | Chemical Name                                                            | Cas #       |
|-----------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------|
|                             |    | <b>TpNHp</b><br>(T-PNP)<br>2'-Deoxythymidine-5'-[(α,β)-imido]diphosphate |             |
| <b>Ultrapure Nucleotide</b> |                                                                                     |                                                                          |             |
| TP0080                      |    | <b>ATP</b><br>Adenosine-5'-triphosphate                                  | 51963-61-2  |
| TP0081                      |  | <b>CTP</b><br>Cytidine-5'-triphosphate                                   | 36051-68-0  |
| TP0082                      |  | <b>GTP</b><br>Guanosine-5'-triphosphate                                  | 56001-37-7  |
| TP0083                      |  | <b>UTP</b><br>Uridine-5'-triphosphate                                    | 19817-92-6  |
| TP0084                      |  | <b>dATP</b><br>2'-Deoxyadenosine-5'-triphosphate                         | 1927-31-7   |
| TP0085                      |  | <b>dCTP</b><br>2'-Deoxycytidine-5'-triphosphate                          | 102783-51-7 |

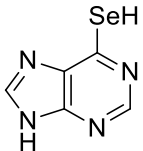
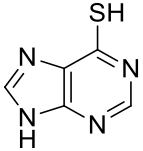
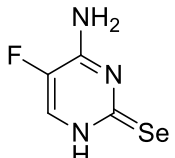
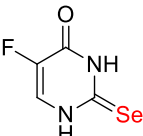
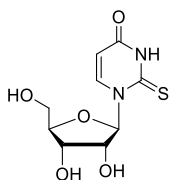
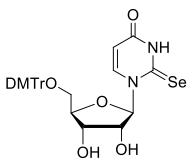
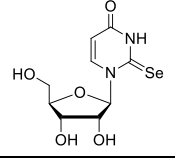
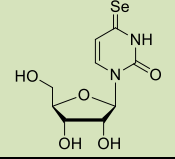
# Product List

| Cat#                 | Structure                                                                           | Chemical Name                                                      | Cas #      |
|----------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------|
| TP0086               |    | <b>dGTP</b><br>2'-Deoxyguanosine-5'-triphosphate                   | 93919-41-6 |
| TP0087               |    | <b>dTTP</b><br>2'-Deoxythymidine-5'-triphosphate                   | 18423-43-3 |
| <b>碱基 Base group</b> |                                                                                     |                                                                    |            |
| BG0001               |   | <b>2-Selenocytosine</b>                                            |            |
| BG0002               |  | <b>2-Thiocytosine</b><br>4-Amino-2-pyrimidinethiol                 | 333-49-3   |
| BG0003               |  | <b>Cytosine</b>                                                    | 71-30-7    |
| BG0004               |  | <b>5-Methylthiocytosine</b>                                        |            |
| BG0005               |  | <b>5-methylselenocytosine</b>                                      |            |
| BG0006               |  | <b>2-Selenouracil</b><br>2-Selenoxo-2,3-dihydro-1H-pyrimidin-4-one | 16724-03-1 |
| BG0007               |  | <b>2-Thiouracil</b>                                                | 141-90-2   |

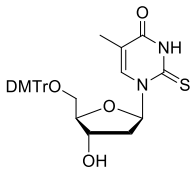
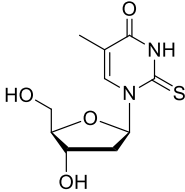
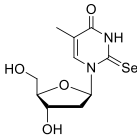
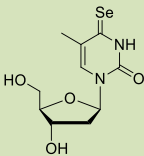
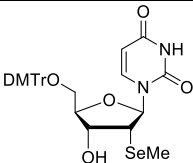
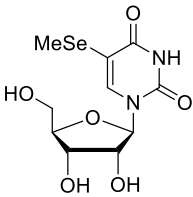
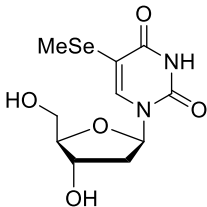
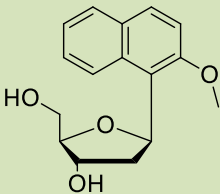
# Product List

| Cat#   | Structure                                                                           | Chemical Name                             | Cas #       |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------|-------------|
| BG0008 |    | Uracil                                    | 66-22-8     |
| BG0009 |    | 5-methylthiouracil                        |             |
| BG0010 |    | 5-methylselenouracil                      |             |
| BG0011 |   | 2-Selenothymine                           | 118978-55-5 |
| BG0012 |  | 2-Thiothymine<br>5-Methyl-2-thiouracil    | 636-26-0    |
| BG0013 |  | Thymine                                   | 65-71-4     |
| BG0014 |  | 2-Amino-6-chloropurine                    | 10310-21-1  |
| BG0015 |  | 6-Selenoguanine                           | 5375-85-9   |
| BG0016 |  | 6-Thioguanine<br>2-Amino-6-mercaptapurine | 154-42-7    |
| BG0017 |  | Guanine                                   | 73-40-5     |

# Product List

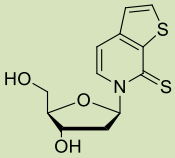
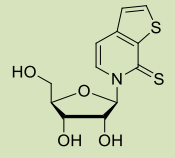
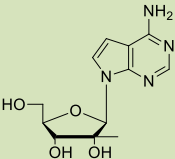
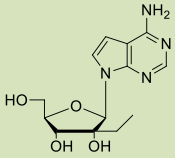
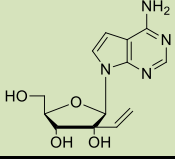
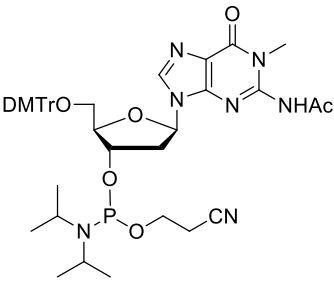
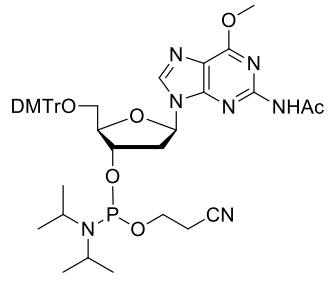
| Cat#                 | Structure                                                                           | Chemical Name                      | Cas #      |
|----------------------|-------------------------------------------------------------------------------------|------------------------------------|------------|
| BG0018               |    | 6-Selenopurine                     |            |
| BG0019               |    | 6-Thiopurine                       |            |
| BG0020               |    | 2-Seleno-5-Fluorcytosine           |            |
| BG0021               |   | 2-Seleno-5-Fluoruracil             |            |
| <b>核苷 Nucleoside</b> |                                                                                     |                                    |            |
| NS0001               |  | 2-Thiouridine                      | 20235-78-3 |
| NS0002               |  | 5'-Dimethoxytrityl-2-Selenouridine |            |
| NS0003               |  | 2- Selenouridine                   |            |
|                      |  | 4-Selenouridine                    |            |

# Product List

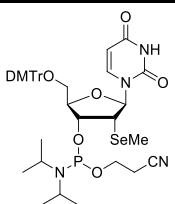
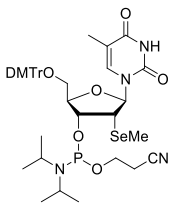
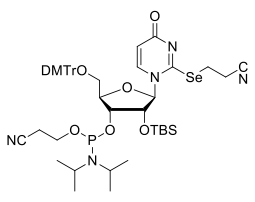
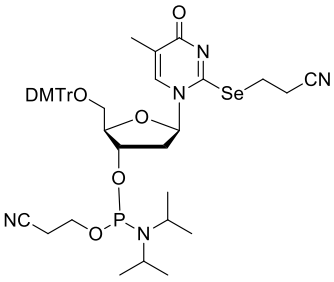
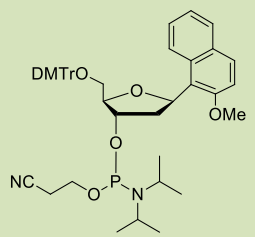
| Cat#   | Structure                                                                           | Chemical Name                                                                                         | Cas # |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------|
| NS0004 |    | <b>5'-Dimethoxytrityl-2-Thiothymidine</b>                                                             |       |
| NS0005 |    | <b>2- Thiothymidine</b>                                                                               |       |
| NS0006 |    | <b>2- Selenothymidine</b>                                                                             |       |
|        |   | <b>4-Selenothymidine</b>                                                                              |       |
| NS0007 |  | <b>5'-(4,4'-Dimethoxytrityl)-2'-Methylselenouridine</b><br>2'-Methylseleno-5'-dimethoxytrityl-uridine |       |
| NS0008 |  | <b>5-Methylselenouridine</b>                                                                          |       |
| NS0009 |  | <b>5-Methylselenouridine</b>                                                                          |       |
|        |  | <b>dNaM</b><br>(1R)-1,4-Anhydro-2-deoxy-1-(3-methoxy-2-naphthyl)-D-erythro-pentitol                   |       |



# Product List

| Cat#                     | Structure                                                                           | Chemical Name                                                                                                     | Cas # |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------|
|                          |    | <b>dTPT3</b><br>(2-deoxy-β-D-erythro-pentofuranosyl)-<br>thieno[3,4]pyridine-2-thione                             |       |
|                          |    | <b>rTPT3</b>                                                                                                      |       |
|                          |    | <b>7-Deaza-2'-C-methyl-adenosine</b>                                                                              |       |
|                          |   | <b>7-Deaza-2'-C-ethyl-adenosine</b>                                                                               |       |
|                          |  | <b>7-Deaza-2'-C-vinyl-adenosine</b>                                                                               |       |
| <b>Phosphoramidites:</b> |                                                                                     |                                                                                                                   |       |
| PM0001                   |  | 5'-(4,4'-Dimethoxytrityl)-N1-Methyl-N2-Acetyl-2'-Deoxyadenosine-3'-(2-cyanoethyl-N,N-Diisopropyl) phosphoramidite |       |
| PM0002                   |  | 5'-(4,4'-Dimethoxytrityl)-N2-Acetyl-O6-Methyl-2'-Deoxyadenosine-3'-(2-cyanoethyl-N,N-Diisopropyl) phosphoramidite |       |

# Product List

| Cat#   | Structure                                                                           | Chemical Name                                                                                                                                                          | Cas # |
|--------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| PM0003 |    | 2'-Methylseleno-5'-DMTr-uridine-3'-[(2-cyanoethyl)-(N,N-diisopropyl)]-phosphoramidite                                                                                  |       |
| PM0004 |    | 2'-Methylseleno-5'-DMTr-thymidine-3'-[(2-cyanoethyl)-(N,N-diisopropyl)]-phosphoramidite                                                                                |       |
| PM0005 |    | 5'-(4,4'-Dimethoxytrityl)-2'-O-tert-butyl dimethylsilyl-2-cyanoethylselanyluridine-3'-(2-cyanoethyl-N,N-Diisopropyl) phosphoramidite                                   |       |
| PM0006 |  | 1-[2'-O-tert-butyl dimethylsilyl-3'-O-(2-cyanoethyl-N, N- diisopropylamino) phosphoramidite-5'-O- (4,4'-dimethoxytrityl-D-ribofuranosyl)]-2-cyanoethylselanylthymidine |       |
|        |  | dNaM-CEP                                                                                                                                                               |       |