

# Фосфорамидиты

## Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Коломна (4966)23-41-49  
Кострома (4942)77-07-48  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Курган (3522)50-90-47  
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37  
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Сыктывкар (8212)25-95-17  
Тамбов (4752)50-40-97  
Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Чебоксары (8352)28-53-07  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Чита (3022)38-34-83  
Якутск (4112)23-90-97  
Ярославль (4852)69-52-93

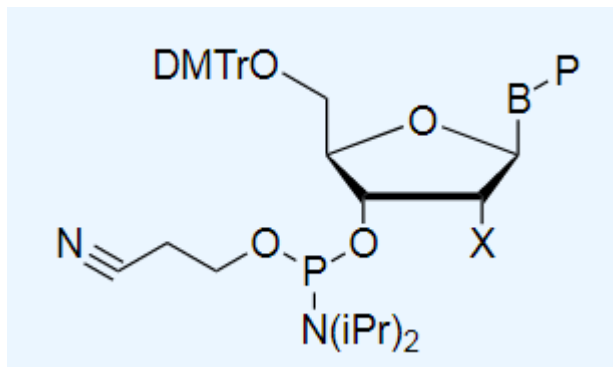
Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

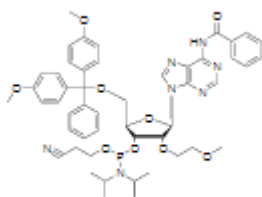
эл.почта: [hen@nt-rt.ru](mailto:hen@nt-rt.ru) || сайт: <https://hongene.nt-rt.ru>

# Phosphoramidites



A phosphoramidite (RO)<sub>2</sub>PNR<sub>2</sub> is a monoamide of a phosphite diester. The key feature of phosphoramidites is their markedly high reactivity towards nucleophiles catalyzed by weak acids e.c., triethylammonium chloride or 1H-tetrazole. In these reactions, the incoming nucleophile replaces the NR<sub>2</sub> moiety.

Our nucleoside phosphoramidites are produced and packaged to ensure the highest performance on commercial oligonucleotide synthesizers. Every batch is accompanied by COA and Spec., showing the results of our QC testing.



## DMT-2'-O-MOE-A(Bz)-CE-Phosphoramidite

**N6-benzoyl-5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-adenosine-3'-cyanoethyl Phosphoramidite**

**Catalog No.**

PR1-004

**CAS No.**

251647-53-7

**Molecular Formula**

C<sub>50</sub>H<sub>58</sub>N<sub>7</sub>O<sub>9</sub>P

**Molecular Weight**

932.03

**Appearance**

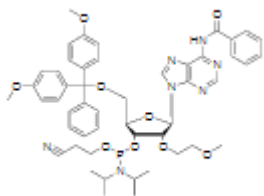
White to off-white powder

**Purity**

HPLC ≥98.0%

**Storage**

-20°C



## DMT-2'-O-MOE-G(iBu)-CE-Phosphoramidite

N2-isobutyryl-5'-O-(4, 4'-dimethoxytrityl)-2'-O- methoxyethyl-guanosine-3'-cyanoethyl Phosphoramidite

### Catalog No.

PR2-006

### CAS No.

251647-55-9

### Molecular Formula

C<sub>47</sub>H<sub>60</sub>N<sub>7</sub>O<sub>10</sub>P

### Molecular Weight

914.01

### Appearance

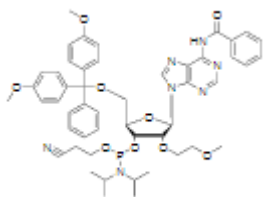
White to off-white powder

### Purity

HPLC ≥98.0%

### Storage

-20°C



## DMT-2'-O-MOE-G(dmf)-CE-Phosphoramidite

N2- Dimethylformamidine-5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-guanosine-3'-cyanoethyl Phosphoramidite

### Catalog No.

PR2-019

### Molecular Formula

C<sub>46</sub>H<sub>59</sub>N<sub>8</sub>O<sub>9</sub>P

### Molecular Weight

898.98

### Appearance

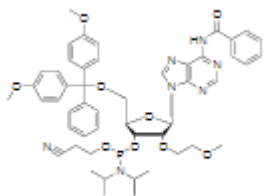
White, off-white to faint yellow powder, free from visible foreign matter

### Purity

HPLC ≥98.0%

### Storage

-20°C



## 5-Me-DMT-2'-O-MOE-C(Bz)-CE-Phosphoramidite

N4-benzoyl-5-methyl-5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-cytidine-3'-cyanoethyl Phosphoramidite

**Catalog No.**

PR3-007

**CAS No.**

163759-94-2

**Molecular Formula**

$C_{50}H_{60}N_5O_{10}P$

**Molecular Weight**

922.04

**Appearance**

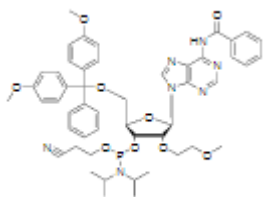
White to off-white powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## 5-Me-DMT-2'-O-MOE-C(Ac)-CE-Phosphoramidite

N4-acetyl -5-methyl-5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-cytidine-3'-cyanoethyl Phosphoramidite

**Catalog No.**

PR3-017

**Molecular Formula**

$C_{45}H_{57}N_5O_{10}P$

**Molecular Weight**

858.95

**Appearance**

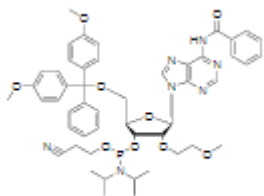
White to off-white powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## DMT-2'-O-MOE-T-CE-Phosphoramidite

5-methyl-5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-uridine-3'-cyanoethyl  
Phosphoramidite

**Catalog No.**

PR4-002

**CAS No.**

163878-63-5

**Molecular Formula**

$C_{43}H_{55}N_4O_{10}P$

**Molecular Weight**

818.90

**Appearance**

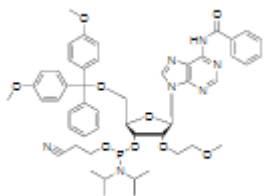
White to off-white powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

-20°C



## 5-Me-5'-O-DMT-2'-O-MOE-Cr 3'-CE-Phosphoramidite

5-methyl-5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-cytidine-3'-cyanoethyl  
Phosphoramidite

**Catalog No.**

PR3-024

**Molecular Formula**

$C_{43}H_{56}N_5O_9P$

**Molecular Weight**

817.91

**Appearance**

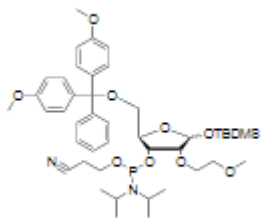
White to off white powder, free from visible foreign matter

**Purity**

HPLC  $\geq 90\%$

**Storage**

-20°C



## Abasic MOE amidite (α, β mix)

Abasic MOE amidite (mixture of alpha and beta)

**Catalog No.**

OP-029

**Molecular Formula**

$C_{44}H_{65}N_2O_9PSi$

**Molecular Weight**

825.05

**Appearance**

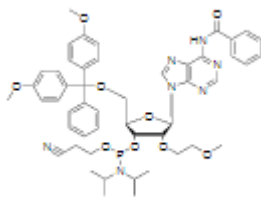
Clear colorless to yellow oil

**Purity**

HPLC  $\geq 90\%$

**Storage**

$-20^{\circ}C$



## DMT-2'-O-MOE-Ar-CE-Phosphoramidite

5'-O-(4, 4'-dimethoxytrityl)-2'-O-methoxyethyl-adenosine-3'-cyanoethyl  
Phosphoramidite

**Catalog No.**

PR1-017

**Molecular Formula**

$C_{43}H_{54}N_7O_8P$

**Molecular Weight**

827.90

**Appearance**

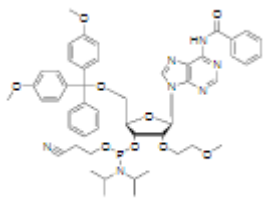
White, off-white to faint yellow powder, free from visible foreign matter

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

$-20^{\circ}C$



## 2,6-diamino(N2,N6-diiBu)-DMT-2'-O-MOE-purine riboside-CE-Phosphoramidite

2, 6-diamino(N2, N6-diisobutryl)- 5'-O-(4, 4'-Dimethoxytrityl)-2'-O-purine riboside-3'-cyanoethyl PhosphoramiditeMethoxyethyl-

### Catalog No.

OP-030

### Molecular Formula

C<sub>51</sub>H<sub>67</sub>N<sub>8</sub>O<sub>10</sub>P

### Molecular Weight

983.10

### Appearance

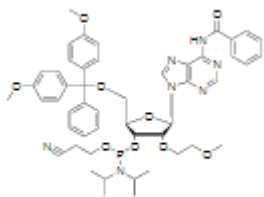
White, off white to faint yellow powder, free from visible foreign matter

### Purity

HPLC ≥90%

### Storage

-20°C



## DMT-dA(Bz)-CE Reverse Phosphoramidite

N6-benzoyl-3'-O-(4, 4'-dimethoxytrityl)-2'-deoxyadenosine-5'-cyanoethyl Phosphoramidite

### Catalog No.

PD1-006

### Molecular Formula

C<sub>47</sub>H<sub>52</sub>N<sub>7</sub>O<sub>7</sub>P

### Molecular Weight

857.93

### Appearance

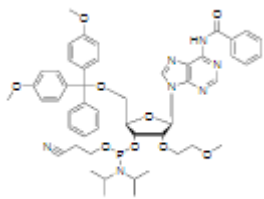
White to faint yellow powder

### Purity

HPLC ≥98.0%

### Storage

-20°C



## DMT-dG(dmF)-CE Reverse Phosphoramidite

N2-dimethylformamidine-3'-O-(4, 4'-dimethoxytrityl)-2'-deoxyguanosine-5'-cyanoethyl Phosphoramidite

**Catalog No.**

PD2-005

**Molecular Formula**

$C_{43}H_{53}N_8O_7P$

**Molecular Weight**

824.90

**Appearance**

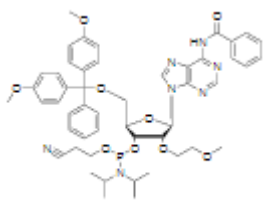
White to faint yellow powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## DMT-dG(iBu)-CE Reverse Phosphoramidite

N2-isobutyryl-3'-O-(4, 4'-dimethoxytrityl)- 2'-deoxyguanosine-5'-cyanoethyl Phosphoramidite

**Catalog No.**

PD2-007

**Molecular Formula**

$C_{44}H_{54}N_7O_8P$

**Molecular Weight**

839.92

**Appearance**

White to faint yellow powder

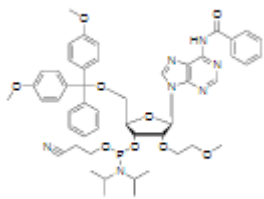
**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$





## DMT-dC(Bz)-CE Reverse Phosphoramidite

N4-benzoyl-3'-O-(4, 4'-dimethoxytrityl)-2'-deoxycytidine-5'-cyanoethyl  
Phosphoramidite

**Catalog No.**

PD3-004

**Molecular Formula**

$C_{46}H_{52}N_5O_8P$

**Molecular Weight**

833.91

**Appearance**

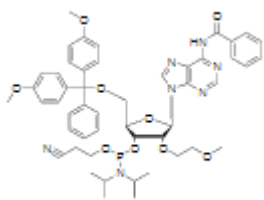
White to faint yellow powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## DMT-dC(Ac)-CE Reverse Phosphoramidite

N4-acetyl-3'-O-(4, 4'-dimethoxytrityl)-2'-deoxycytidine-5'-cyanoethyl  
Phosphoramidite

**Catalog No.**

PD3-006

**Molecular Formula**

$C_{41}H_{50}N_5O_8P$

**Molecular Weight**

771.85

**Appearance**

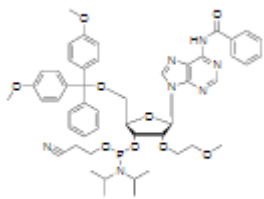
White to faint yellow powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## DMT-dT-CE Reverse Phosphoramidite

3'-O-(4, 4'-Dimethoxytrityl)-thymidine-5'-cyanoethyl Phosphoramidite

**Catalog No.**

PD4-003

**Molecular Formula**

$C_{40}H_{49}N_4O_8P$

**Molecular Weight**

744.81

**Appearance**

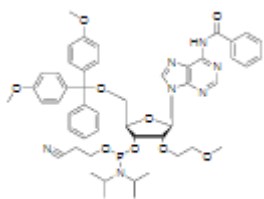
White to faint yellow powder

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## 5-Me-DMT-dC(Bz) 5'-CE Reverse Phosphoramidite

N4-benzoyl-5-methyl-3'-O-(4, 4'-dimethoxytrityl)-2'-deoxycytidine-5'-cyanoethyl Phosphoramidite

**Catalog No.**

PD3-018

**Molecular Formula**

$C_{47}H_{54}N_5O_8P$

**Molecular Weight**

847.93

**Appearance**

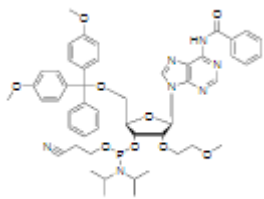
White, off-white to faint yellow powder

**Purity**

HPLC  $\geq 90\%$

**Storage**

$-20^{\circ}\text{C}$



## 2,6-diamino(N2,N6-diPac)-DMT-2'-O-Me-purine riboside-CE-Phosphoramidite

2, 6-diamino(N2, N6-diPhenoxyacetyl)-5'-O-(4, 4'-Dimethoxytrityl)-2'-O-methyl-purine riboside-3'-cyanoethyl Phosphoramidite

### Catalog No.

PR1-005

### Molecular Formula

$C_{57}H_{63}N_8O_{11}P$

### Molecular Weight

1067.14

### Appearance

White to off-white powder

### Purity

HPLC  $\geq 98.0\%$

### Storage

$-20^{\circ}\text{C}$

## DMT-dA(dma)-CE-Phosphoramidite

N6-dimethylacetamidine-DMT-2'-deoxyadenosine-3'-cyanoethyl Phosphoramidite

### Catalog No.

PD1-005

### Molecular Formula

$C_{44}H_{55}N_8O_6P$

### Molecular Weight

822.93

### Appearance

Off-white to yellow powder

### Purity

HPLC  $\geq 98.0\%$

### Storage

$-20^{\circ}\text{C}$

## Chemical Phosphorylation Reagent

2-[2-(4, 4'-Dimethoxytrityloxy)ethylsulfonyl]ethyl-(2-cyanoethyl)-(N, N-diisopropyl)-phosphoramidite

### Catalog No.

OP-006

### CAS No.

108783-02-4

**Molecular Formula**

C<sub>34</sub>H<sub>45</sub>N<sub>2</sub>O<sub>7</sub>PS

**Molecular Weight**

656.77

**Appearance**

Colorless to light yellow oil

**Purity**

HPLC ≥95.0%

**Storage**

-20°C

## 5-Br-dU Phosphoramidite

5-bromo-5'-O-(4, 4'-dimethoxytrityl)-2'-deoxyuridine-3'-cyanoethyl  
Phosphoramidite

**Catalog No.**

PD5-005

**CAS No.**

142246-64-8

**Molecular Formula**

C<sub>39</sub>H<sub>46</sub>BrN<sub>4</sub>O<sub>8</sub>P

**Molecular Weight**

809.68

**Appearance**

White to off-white powder

**Purity**

HPLC ≥98.0%

**Storage**

-20°C

## 5'-Cholesterol-CE-Phosphoramidite

Cholesteryl-3-carboxamidohexyl-[2-cyanoethyl)-(N, N-diisopropyl)]-  
phosphoramidite

**Catalog No.**

OP-014

**Molecular Formula**

C<sub>43</sub>H<sub>76</sub>N<sub>3</sub>O<sub>4</sub>P

**Molecular Weight**

730.07

**Appearance**

Colorless to light yellow oil

**Purity**

HPLC ≥97.0%

**Storage**

-20°C

## 5'-Cholesterol-TEG-CE-Phosphoramidite

10-O-[1-propyl-N3-carbamoylcholesteryl]-triethyleneglycol-1-[(2-cyanoethyl)-(N,N-diisopropyl)]-phosphoramidite

### Catalog No.

OP-013

### Molecular Formula

$C_{46}H_{82}N_3O_7P$

### Molecular Weight

820.15

### Appearance

Colorless to light yellow oil

### Purity

HPLC  $\geq 97.0\%$

### Storage

-20°C

## N6-Me-DMT-dA-CE Phosphoramidite

N6-methyl-5'-O-(4, 4'-dimethoxytrityl)-2'-deoxyadenosine-3'-cyanoethyl-Phosphoramidite

### Catalog No.

PD1-002

### Molecular Formula

$C_{41}H_{50}N_7O_6P$

### Molecular Weight

767.85

### Appearance

White powder

### Purity

HPLC  $\geq 98.0\%$

### Storage

-20°C

## TFA-aminoallyl-dU Phosphoramidite

TFA-aminoallyl-2'-deoxyuridine Phosphoramidite

### Catalog No.

PD5-009

### CAS No.

144253-90-7

### Molecular Formula

$C_{44}H_{51}F_3N_5O_9P$

### Molecular Weight

881.87

**Appearance**

White to off-white powder, free from visible foreign matter

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

-20°C

**IAA-aminoallyl-dU Phosphoramidite****IAA-aminoallyl-2'-deoxyuridine Phosphoramidite****Catalog No.**

PD5-010

**Molecular Formula**

$C_{52}H_{59}N_6O_9P$

**Molecular Weight**

943.03

**Appearance**

White to off-white powder, free from visible foreign matter

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

-20°C

**Phenol-aminoallyl-dU Phosphoramidite****Phenol-aminoallyl-2'-deoxyuridine Phosphoramidite****Catalog No.**

PD5-011

**Molecular Formula**

$C_{54}H_{64}N_5O_{11}P$

**Molecular Weight**

990.09

**Appearance**

White to off-white powder, free from visible foreign matter

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

-20°C

**5'-O-DMT-2'-O-TBDMS-5-OMe-Ur Phosphoramidite****5'-O-(4, 4'-Dimethoxytrityl)-2'-O-(t-butyldimethylsilyl)-5-O-methyl-Uridine 3'-cyanoethyl Phosphoramidite****Catalog No.**

PR5-022

**Molecular Formula**

C<sub>46</sub>H<sub>63</sub>N<sub>4</sub>O<sub>10</sub>PSi

**Molecular Weight**

891.07

**Appearance**

White, off-white to faint yellow powder, free from visible foreign matter

**Purity**

HPLC ≥98.0%

**Storage**

-20°C

**5'-O-DMT-2'-O-TBDMS-N1-Me-pU Phosphoramidite**

5'-O-(4, 4'-Dimethoxytrityl)-2'-O-(t-butyldimethylsilyl)-N1-methyl-Pseudouridine-3'-cyanoethyl Phosphoramidite

**Catalog No.**

OP-031

**Molecular Formula**

C<sub>46</sub>H<sub>63</sub>N<sub>4</sub>O<sub>9</sub>PSi

**Molecular Weight**

875.07

**Appearance**

White, off-white to faint yellow powder, free from visible foreign matter

**Purity**

HPLC ≥98.0%

**Storage**

-20°C

**DMT-5-propyne-dC(dmf) 3'-CE-Phosphoramidite**

N4- Dimethylformamidine-5'-O-(4, 4'-dimethoxytrityl)-5-(1-propynyl)-2'-deoxycytidine-3'-cyanoethyl-Phosphoramidite

**Catalog No.**

PD3-036

**Molecular Formula**

C<sub>45</sub>H<sub>55</sub>N<sub>6</sub>O<sub>7</sub>P

**Molecular Weight**

822.93

**Appearance**

White, off white to faint yellow powder, free from visible foreign matter

**Purity**

HPLC ≥95.0%

**Storage**

-20°C

**DMT-5-propyne-dU 3'-CE-Phosphoramidite**

**5'-O-(4, 4'-Dimethoxytrityl)-5-(1-propynyl)-2'-deoxyuridine-3'-cyanoethyl  
Phosphoramidite**

**Catalog No.**

PD5-020

**Molecular Formula**

$C_{42}H_{49}N_4O_8P$

**Molecular Weight**

768.83

**Appearance**

White, off white to faint yellow powder, free from visible foreign matter

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

-20°C

**Reverse Abasic Phosphoramidite**

**3-O-Dimethoxytrityl-2-deoxyribose-5-[(2-cyanoethyl)-(N, N-diisopropyl)]-  
phosphoramidite**

**Catalog No.**

OP-040

**Molecular Formula**

$C_{35}H_{45}N_2O_6P$

**Molecular Weight**

620.72

**Appearance**

Clear colorless to light yellow oil

**Purity**

HPLC  $\geq 96.0\%$

**Storage**

-20°C

**Tr-C6-amine-linker amidite**

**Trityl-C6-amino-linker Phosphoramidite**

**Catalog No.**

OP-001

**Molecular Formula**

$C_{34}H_{46}N_3O_2P$

**Molecular Weight**

559.73

**Appearance**

Colorless to light yellow oil

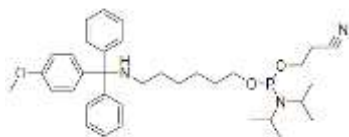
**Purity**

HPLC  $\geq 90\%$

**Storage**

-20°C





## MMT amine-linker Phosphoramidite

### Monomethoxytrityl-hexylamine-linker Phosphoramidite

#### Catalog No.

OP-002

#### CAS No.

114616-27-2

#### Molecular Formula

$C_{35}H_{48}N_3O_3P$

#### Molecular Weight

589.75

#### Appearance

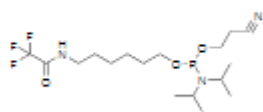
Colorless to light yellow oil

#### Purity

HPLC  $\geq 98.0\%$

#### Storage

$-20^{\circ}\text{C}$



## TFA-C6-amine-linker amidite

### 5'-amino-Modifier C6-TFA; 6-(Trifluoroacetyl-amino)-hexyl-(2-cyanoethyl)-(N, N-diisopropyl)-phosphoramidite

#### Catalog No.

OP-007

#### CAS No.

133975-85-6

#### Molecular Formula

$C_{17}H_{31}F_3N_3O_3P$

#### Molecular Weight

413.42

#### Appearance

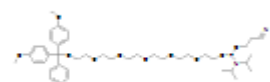
Colorless to light yellow oil

#### Purity

HPLC  $\geq 98.0\%$

#### Storage

$-20^{\circ}\text{C}$



## Spacer Phosphoramidite 18

18-O-Dimethoxytritylhexaethyleneglycol, 1-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

**Catalog No.**

OP-003

**CAS No.**

125607-09-2

**Molecular Formula**

$C_{42}H_{61}N_2O_{10}P$

**Molecular Weight**

784.93

**Appearance**

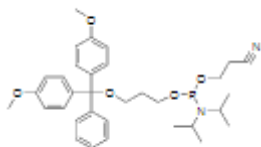
Colorless to light yellow oil

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

-20°C



## Spacer Phosphoramidite C3

3-(Bis(4-methoxyphenyl)(phenyl)methoxy)propyl (2-cyanoethyl) diisopropyl phosphoramidite

**Catalog No.**

OP-005

**CAS No.**

110894-23-0

**Molecular Formula**

$C_{33}H_{43}N_2O_5P$

**Molecular Weight**

578.68

**Appearance**

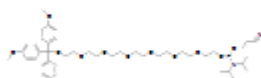
Colorless to light yellow oil

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

-20°C



## Spacer Phosphoramidite 20

**20-O-Dimethoxytritylheptaethyleneglycol, 1-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite**

**Catalog No.**

OP-024

**Molecular Formula**

$C_{44}H_{65}N_2O_{11}P$

**Molecular Weight**

828.97

**Appearance**

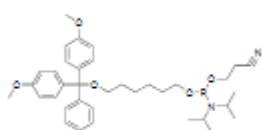
Clear colorless to light yellow oil

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

$-20^{\circ}\text{C}$



## Spacer Phosphoramidite C6

**6-(4, 4'-Dimethoxytrityloxy) hexyl-1-[(2-cyanoethyl)-(N, N-diisopropyl)]phosphoramidite**

**Catalog No.**

OP-019

**Molecular Formula**

$C_{36}H_{49}N_2O_5P$

**Molecular Weight**

620.76

**Appearance**

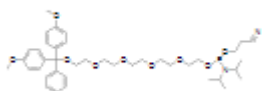
Colorless to light yellow oil

**Purity**

HPLC  $\geq 98.0\%$

**Storage**

$-20^{\circ}\text{C}$



## DMT-PEG Phosphoramidite

**15-O-Dimethoxytritylpentethyleneglycol, 1-[(2-cyanoethyl)-(N,N-diisopropyl)]-phosphoramidite**

**Catalog No.**

OP-036

**Molecular Formula**

$C_{40}H_{57}N_2O_9P$

**Molecular Weight**

740.86

**Appearance**

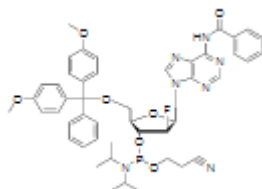
Appearance of Oil : Colorless to pale yellow oil, free from visible foreign matter  
Appearance of 0.12M Solution Clear and free of foreign matter in acetonitrile

**Purity**

HPLC ≥60%

**Storage**

-20°C

**2'-F-A(Bz)-ANA-CE-Phosphoramidite**

5'-Dimethoxytrityl-N6-benzoyl-2'-deoxy-2'-fluoroarabinoadenosine 3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

**Catalog No.**

PD1-015

**Molecular Formula** $C_{47}H_{51}FN_7O_7P$ **Molecular Weight**

875.92

**Appearance**

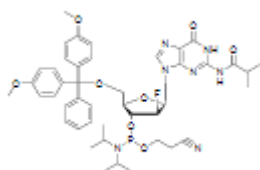
White to off white powder, free from visible foreign matter

**Purity**

HPLC ≥99.0%

**Storage**

-20°C

**2'-F-G(iBu)-ANA-CE-Phosphoramidite**

5'-Dimethoxytrityl-N2-isobutyryl-2'-deoxy-2'-fluoroarabinoguanosine 3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

**Catalog No.**

PD2-012

**Molecular Formula** $C_{44}H_{53}FN_7O_8P$ **Molecular Weight**

857.91

**Appearance**

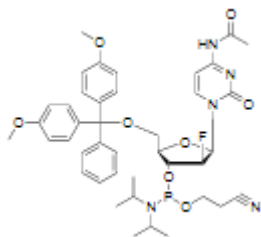
White to off white powder, free from visible foreign matter

**Purity**

HPLC ≥99.0%

**Storage**

-20°C

**2'-F-C(Ac)-ANA-CE-Phosphoramidite**

5'-Dimethoxytrityl-N4-acetyl-2'-deoxy-2'-fluoroarabinocytidine 3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

**Catalog No.**

PD3-015

**Molecular Formula** $C_{41}H_{49}FN_5O_8P$ **Molecular Weight**

789.83

**Appearance**

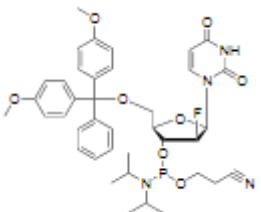
White to off white powder, free from visible foreign matter

**Purity**

HPLC ≥99.0%

**Storage**

-20°C

**2'-F-U-ANA-CE-Phosphoramidite**

5'-Dimethoxytrityl- 2'-deoxy-2'-fluoroarabinouridine 3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

**Catalog No.**

PD5-008

**Molecular Formula** $C_{39}H_{46}FN_4O_8P$ **Molecular Weight**

748.78

**Appearance**

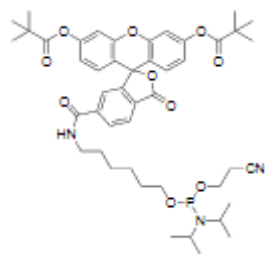
White to off white powder, free from visible foreign matter

**Purity**

HPLC ≥99.0%

**Storage**

-20°C



## 5'(6)-FAM

### 5'-Fluorescein Phosphoramidite

#### Catalog No.

ON-022

#### Molecular Formula

$C_{46}H_{58}N_3O_{10}P$

#### Molecular Weight

843.95

#### Appearance

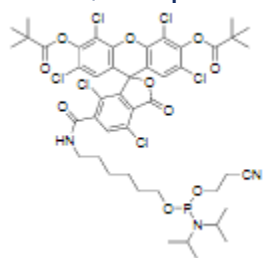
White to off-white powder

#### Purity

HPLC  $\geq 95.0\%$

#### Storage

-20°C, Keep in a dark and dry place



## HEX Dye Amidite

5'-Hexachloro-Fluorescein Phosphoramidite; 6-(4, 7, 2', 4', 5', 7'-Hexachloro-3', 6'-dipivaloylfluoresceinyl-6-carboxamido)-hexyl-1-O-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

#### Catalog No.

OP-011

#### Molecular Formula

$C_{46}H_{52}N_3O_{10}Cl_6P$

#### Molecular Weight

1050.62

#### Appearance

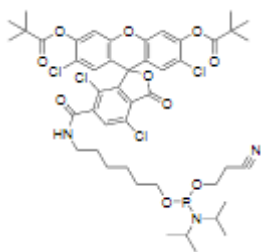
White to off-white powder

#### Purity

HPLC  $\geq 95.0\%$

#### Storage

-20°C, Keep in a dark and dry place



## TET Dye Amidite

5'-Tetrachloro-Fluorescein Phosphoramidite); 6-(4, 7, 2', 7'-Tetrachloro-3', 6'-dipivaloylfluoresceinyl-6-carboxamido)-hexyl-1-O-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

**Catalog No.**

OP-010

**Molecular Formula**

$C_{46}H_{54}N_3O_{10}Cl_4P$

**Molecular Weight**

981.73

**Appearance**

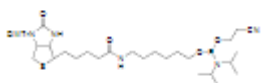
White to off-white powder

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

-20°C, Keep in a dark and dry place



## 5'-Biotin Phosphoramidite

N1-(4, 4'-Dimethoxytrityl)-biotinyl-6-aminoethyl]-2-cyanoethyl-(N, N-diisopropyl)-phosphoramidite

**Catalog No.**

ON-023

**Molecular Formula**

$C_{46}H_{64}N_5O_6PS$

**Molecular Weight**

846.08

**Appearance**

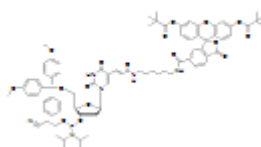
White to off-white crisp foam powder

**Purity**

HPLC  $\geq 95.0\%$

**Storage**

-20°C, Keep in a dark and dry place



## Fluorescein-dT Phosphoramidite

5'-Dimethoxytrityloxy-5-[N-((3', 6'-dipivaloylfluoresceinyl)-aminohexyl)-3-acrylimido]-2'-deoxyuridine-3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

### Catalog No.

PD4-006

### Molecular Formula

C<sub>79</sub>H<sub>89</sub>N<sub>6</sub>O<sub>17</sub>P

### Molecular Weight

1425.56

### Appearance

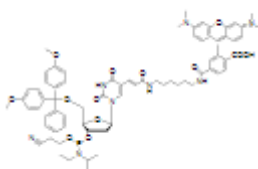
Off-white powder

### Purity

HPLC ≥97.0%

### Storage

-20°C, Keep in a dark and dry place



## TAMRA-dT Phosphoramidite

5'-Dimethoxytrityloxy-5-[N-((tetramethylrhodaminyl)-aminohexyl)-3-acrylimido]-2'-deoxyuridine-3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

### Catalog No.

PD4-007

### Molecular Formula

C<sub>73</sub>H<sub>84</sub>N<sub>8</sub>O<sub>13</sub>P<sup>+</sup>

### Molecular Weight

1312.49

### Appearance

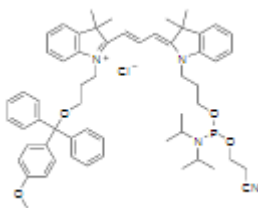
Red glass powder

### Purity

HPLC ≥85%

### Storage

-20°C, Keep in a dark and dry place



## Cyanine 3 Phosphoramidite



1-[3-(4-monomethoxytrityloxy)propyl]-1'-[3-[(2-cyanoethyl)-(N, N-diisopropyl)phosphoramidyl]propyl]-3, 3, 3', 3'-tetramethylindocarbocyanine chloride

**Catalog No.**

OP-038

**Molecular Formula**

C<sub>58</sub>H<sub>70</sub>ClN<sub>4</sub>O<sub>4</sub>P

**Molecular Weight**

953.63

**Appearance**

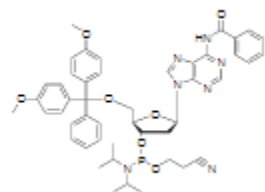
Appearance of Solid: Red powder Appearance of 0.1M Solution: Clear and free of foreign matter in 0.1M acetonitrile

**Purity**

HPLC ≥85%

**Storage**

-20°C, Keep in a dark and dry place



**DMT-dA(Bz)-CE-Phosphoramidite**

N6-benzoyl-DMT-2'-deoxyadenosine-3'-CE Phosphoramidite

**Catalog No.**

PD1-004

**CAS No.**

98796-53-3

**Molecular Formula**

C<sub>47</sub>H<sub>52</sub>N<sub>7</sub>O<sub>7</sub>P

**Molecular Weight**

857.93

**Appearance**

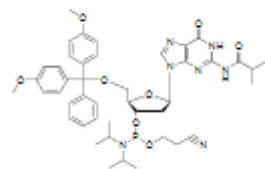
White to off-white powder

**Purity**

HPLC ≥98.0%

**Storage**

-20°C

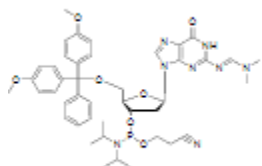


**DMT-dG(iBu)-CE-Phosphoramidite**

Catalog No.: PD2-004

Molecular Formula: C<sub>44</sub>H<sub>54</sub>N<sub>7</sub>O<sub>8</sub>P

CAS No.: 93183-15-4

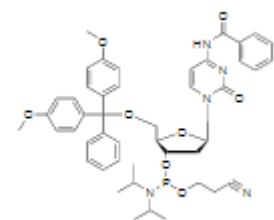


### DMT-dG(dmF)-CE-Phosphoramidite

Catalog No.: PD2-006

Molecular Formula:  $C_{43}H_{53}N_8O_7P$

CAS No.: 330628-04-1

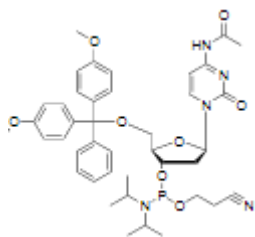


### DMT-dC(Bz)-CE-Phosphoramidite

Catalog No.: PD3-003

Molecular Formula:  $C_{46}H_{52}N_5O_8P$

CAS No.: 102212-98-6

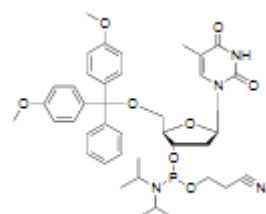


### DMT-dC(Ac)-CE-Phosphoramidite

Catalog No.: PD3-007

Molecular Formula:  $C_{41}H_{50}N_5O_8P$

CAS No.: 154110-40-4

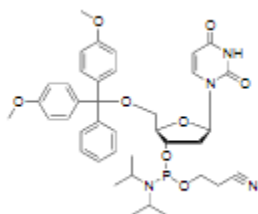


### DMT-dT-CE-Phosphoramidite

Catalog No.: PD4-002

Molecular Formula:  $C_{40}H_{49}N_4O_8P$

CAS No.: 98796-51-1

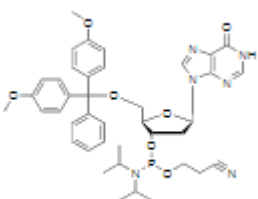


### DMT-dU-CE-Phosphoramidite

Catalog No.: PD5-002

Molecular Formula:  $C_{39}H_{47}N_4O_8P$

CAS No.: 109389-30-2

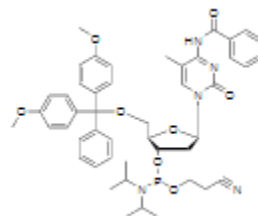


### DMT-di-CE-Phosphoramidite

Catalog No.: PD6-002

Molecular Formula:  $C_{40}H_{47}N_6O_7P$

CAS No.: 141684-35-7



### 5-Me-DMT-dC(Bz)-CE-Phosphoramidite

Catalog No.: PD3-008

Molecular Formula:  $C_{47}H_{54}N_5O_8P$

CAS No.: 105931-57-5

**5-Me-DMT-dC(Ac)-CE-Phosphoramidite**

Catalog No.: PD3-009

Molecular Formula:  $C_{42}H_{52}N_5O_8P$

**3'-NH-Tr-2',3'-ddA(dmf)-5'-CE-Phosphoramidite**

Catalog No.: PD1-003

Molecular Formula:  $C_{41}H_{50}N_9O_3P$

**3'-NH-Tr-2',3'-ddC(Bz)-5'-CE-Phosphoramidite**

Catalog No.: PD3-005

Molecular Formula:  $C_{44}H_{49}N_6O_5P$

CAS No.: 195375-65-6

**3'-NH-Tr-2',3'-ddG(iBu)-5'-CE-Phosphoramidite**

Catalog No.: PD2-003

Molecular Formula:  $C_{42}H_{51}N_8O_5P$

CAS No.: 195375-66-7

**3'-NH-Tr-2',3'-ddT-5'-CE-Phosphoramidite**

Catalog No.: PD4-001

Molecular Formula:  $C_{38}H_{46}N_5O_5P$

**DMT-2'-O-TBDMS-A(Bz)-CE-Phosphoramidite**

Catalog No.: PR1-008

Molecular Formula:  $C_{53}H_{66}N_7O_8PSi$

CAS No.: 104992-55-4

**DMT-2'-O-TBDMS-C(Ac)-CE-Phosphoramidite**

Catalog No.: PR3-008

Molecular Formula:  $C_{47}H_{64}N_5O_9PSi$

CAS No.: 121058-88-6

**DMT-2'-O-TBDMS-G(iBu)-CE-Phosphoramidite**

Catalog No.: PR2-007

Molecular Formula:  $C_{50}H_{68}N_7O_9PSi$

CAS No.: 147201-04-5

**DMT-2'-O-TBDMS-U-CE-Phosphoramidite**

Catalog No.: PR5-003

Molecular Formula:  $C_{45}H_{61}N_4O_9PSi$

CAS No.: 118362-03-1

**DMT-2'-O-TBDMS-I-CE-Phosphoramidite**

Catalog No.: PR6-003

Molecular Formula:  $C_{46}H_{61}N_6O_8PSi$

**DMT-2'-O-TBDMS-G(dmf)-CE-Phosphoramidite**

Catalog No.: PR2-021

Molecular Formula:  $C_{49}H_{67}N_8O_8PSi$

CAS No.: 149559-87-5

**2'-OMe-Bz-A-CE-Phosphoramidite**

Catalog No.: PR1-001

Molecular Formula:  $C_{48}H_{54}N_7O_8P$

CAS No.: 110782-31-5

**2'-OMe-dmf-G-CE-Phosphoramidite**

Catalog No.: PR2-001

Molecular Formula:  $C_{44}H_{55}N_8O_8P$

CAS No.: 128219-77-2

**2'-OMe-iBu-G-CE-Phosphoramidite**

Catalog No.: PR2-002

Molecular Formula:  $C_{45}H_{56}N_7O_9P$

CAS No.: 150780-67-9

**DMT-2'-OMe-C(Ac)-CE-Phosphoramidite**

Catalog No.: PR3-001

Molecular Formula:  $C_{42}H_{52}N_5O_9P$

CAS No.: 199593-09-4

**2'-OMe-Bz-C-CE-Phosphoramidite**

Catalog No.: PR3-002

Molecular Formula:  $C_{47}H_{54}N_5O_9P$

CAS No.: 110764-78-8

### **2'-OMe-U-CE-Phosphoramidite**

Catalog No.: PR5-001

Molecular Formula:  $C_{40}H_{49}N_4O_9P$

CAS No.: 110764-79-9

### **2'-OMe-I-CE-Phosphoramidite**

Catalog No.: PR6-001

Molecular Formula:  $C_{41}H_{49}N_6O_8P$

CAS No.: 128219-85-2

### **5-Me-DMT-2'-O-Me-C(Ac)-CE Phosphoramidite**

Catalog No.: PR3-003

Molecular Formula:  $C_{43}H_{54}N_5O_9P$

### **5-Me-DMT-2'-O-Me-C(Bz)-CE-Phosphoramidite**

Catalog No.: PR3-010

Molecular Formula:  $C_{48}H_{56}N_5O_9P$

CAS No.: 166593-57-3

### **5-Me-DMT-2'-O-Me-C(dmf)-CE Phosphoramidite**

Catalog No.: PR3-012

Molecular Formula:  $C_{44}H_{57}N_6O_8P$

### **5-Me-2'-OMe-U-CE-Phosphoramidite**

Catalog No.: PR5-002

Molecular Formula:  $C_{41}H_{51}N_4O_9P$

CAS No.: 168611-18-5

### **DMT-1'-urea-2'-O-Me Amidite**

Catalog No.: ON-008

Molecular Formula:  $C_{37}H_{49}N_4O_8P$

### **DMT-2'-O-Me-U(Bz)-CE-Phosphoramidite**

Catalog No.: PR5-012

Molecular Formula:  $C_{47}H_{53}N_4O_{10}P$

### **O6-Protected-5'-DMT-2'-OMe-G(iBu)-CE-Phosphoramidite**

Catalog No.: PR2-013

Molecular Formula:  $C_{57}H_{70}N_7O_{11}P$

### **O4-(p-tolyl pivalate)-5'-DMT-2'-OMe-U Phosphoramidite**

Catalog No.: PR5-013

Molecular Formula:  $C_{52}H_{63}N_4O_{11}P$

### **5'-BzH-2'-OMe-Ac-Cr-3'-Methoxyphosphoramidite**

Catalog No.: PR3-022

Molecular Formula:  $C_{38}H_{61}N_4O_{10}PSi_3$

### **5'-BzH-2'-OMe-Ur-3'-Methoxyphosphoramidite**

Catalog No.: PR5-015



Molecular Formula:  $C_{36}H_{58}N_3O_{10}PSi_3$

**DMT-2'-F-dA(Bz)-CE-Phosphoramidite**

Catalog No.: PD1-001

Molecular Formula:  $C_{47}H_{51}FN_7O_7P$

CAS No.: 136834-22-5

**2'-F-Ac-dC-CE-Phosphoramidite**

Catalog No.: PD3-001

Molecular Formula:  $C_{41}H_{49}FN_5O_8P$

CAS No.: 159414-99-0

**2'-F-Bz-dC-CE-Phosphoramidite**

Catalog No.: PD3-002

Molecular Formula:  $C_{46}H_{51}FN_5O_8P$

CAS No.: 161442-19-9

**DMT-2'-F-dG(dmf)-CE-Phosphoramidite**

Catalog No.: PD2-001

Molecular Formula:  $C_{43}H_{52}FN_8O_7P$

**DMT-2'-F-dG(iBu)-CE-Phosphoramidite**

Catalog No.: PD2-002

Molecular Formula:  $C_{44}H_{53}FN_7O_8P$

CAS No.: 144089-97-4

## **2'-F-dI-CE-Phosphoramidite**

Catalog No.: PD6-001

Molecular Formula:  $C_{40}H_{46}FN_6O_7P$

## **2'-F-dU-CE-Phosphoramidite**

Catalog No.: PD5-001

Molecular Formula:  $C_{39}H_{46}FN_4O_8P$

## **N6-Bz-DMT-2'-O-propargyl-A-CE-Phosphoramidite**

Catalog No.: PR1-032

Molecular Formula:  $C_{50}H_{54}N_7O_8P$

## **N4-Ac-DMT-2'-O-propargyl-C-CE-Phosphoramidite**

Catalog No.: PR3-037

Molecular Formula:  $C_{44}H_{52}N_5O_9P$

## **N2-Ac-DMT-2'-O-propargyl-G-CE-Phosphoramidite**

Catalog No.: PR2-038

Molecular Formula:  $C_{45}H_{52}N_7O_9P$

## **N2-iBu-DMT-2'-O-propargyl-G-CE-Phosphoramidite**

Catalog No.: PR2-036

Molecular Formula:  $C_{47}H_{56}N_7O_9P$

### **DMT-2'-O-propargyl-U-CE-Phosphoramidite**

Catalog No.: PR5-028

Molecular Formula:  $C_{42}H_{49}N_4O_9P$

### **N4-tac-DMT-dC-CE-Phosphoramidite**

Catalog No.: PD3-039

Molecular Formula:  $C_{51}H_{62}N_5O_9P$

### **Thio-modifier C6 S-S linker**

Catalog No.: OP-043

Molecular Formula:  $C_{42}H_{61}N_2O_5S_2P$

### **N6-Bz-DMT-2'-O-MOEAE-Ar-CE-Phosphoramidite**

Catalog No.: PR1-035

Molecular Formula:  $C_{52}H_{62}N_7O_{10}P$

### **N2-iBu-DMT-2'-O-MOEAE-Gr-CE-Phosphoramidite**

Catalog No.: PR2-040

Molecular Formula:  $C_{49}H_{64}N_7O_{11}P$

### **2-amino-dA-CE-Phosphoramidite**

Catalog No.: PD1-011

Molecular Formula:  $C_{40}H_{49}N_8O_6P$

### **8-OXO-N2-iBu-dG-CE-Phosphoramidite**

Catalog No.: PD2-027

Molecular Formula:  $C_{44}H_{54}N_7O_9P$

### **5'-Dabcyl-CE-Phosphoramidite**

Catalog No.: OP-045

Molecular Formula:  $C_{30}H_{45}N_6O_3P$

### **N6-Bz-2'-O-4'-C-Locked-Ar-CE-Phosphoramidite**

Catalog No.: PR1-002

Molecular Formula:  $C_{48}H_{52}N_7O_8P$

CAS No.: 206055-79-0

### **N4-Bz-2'-O-4'-C-Locked-5-Me-Cr-CE-Phosphoramidite**

Catalog No.: PR3-009

Molecular Formula:  $C_{48}H_{54}N_5O_9P$

### **N2-dmf-2'-O-4'-C-Locked-Gr-CE-Phosphoramidite**

Catalog No.: PR2-005

Molecular Formula:  $C_{44}H_{53}N_8O_8P$

### **N2-iBu-2'-O-4'-C-Locked-Gr-CE-Phosphoramidite**

Catalog No.: PR2-003

Molecular Formula:  $C_{45}H_{54}N_7O_9P$

### **2'-O-4'-C-Locked-Tr-CE-Phosphoramidite**

Catalog No.: PR4-001

Molecular Formula:  $C_{41}H_{49}N_4O_9P$

CAS No.: 206055-75-6

### **N4-Ac-2'-O-4'-C-Locked-Cr-CE-Phosphoramidite**

Catalog No.: PR3-013

Molecular Formula:  $C_{42}H_{50}N_5O_9P$

### **2'-O-4'-C-Locked-Ur-CE-Phosphoramidite**

Catalog No.: PR5-006

Molecular Formula:  $C_{40}H_{47}N_4O_9P$

### **3'-NPPOC-dA(Bz)-5'-CE-Phosphoramidite**

Catalog No.: PD1-025

Molecular Formula:  $C_{36}H_{43}N_8O_9P$

### **3'-NPPOC-dC(Ac)-5'-CE-Phosphoramidite**

Catalog No.: PD3-034

Molecular Formula:  $C_{30}H_{41}N_6O_{10}P$

### **3'-NPPOC-dG(iBu)-5'-CE-Phosphoramidite**

Catalog No.: PD2-023

Molecular Formula:  $C_{33}H_{45}N_8O_{10}P$

### **3'-NPPOC-dT-5'-CE-Phosphoramidite**

Catalog No.: PD4-011

Molecular Formula:  $C_{29}H_{40}N_5O_{10}P$

### **5'-DMT-2'-O-NMA-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-033

Molecular Formula:  $C_{50}H_{57}N_8O_8P$

### **5'-DMT-2'-O-NMA-5-Me-C(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR3-038

Molecular Formula:  $C_{47}H_{61}N_6O_{10}P$

### **5'-DMT-2'-O-NMA-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-037

Molecular Formula:  $C_{47}H_{59}N_8O_{10}P$

### **5'-DMT-2'-O-NMA-5-Me-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-029

Molecular Formula:  $C_{43}H_{54}N_5O_{10}P$

### **5'-DMT-2'-dA(Bz)-3'-PS-Phosphoramidite**

Catalog No.: PD1-036

Molecular Formula:  $C_{51}H_{51}N_6O_7PS_2$

### **5'-DMT-5-Me-2'-dC(Bz)-3'-PS-Phosphoramidite**

Catalog No.: PD3-051

Molecular Formula:  $C_{51}H_{53}N_4O_8PS_2$

**5'-DMT-2'-dG(iBu)-3'-PS-Phosphoramidite**

Catalog No.: PD2-034

Molecular Formula:  $C_{48}H_{53}N_6O_8PS_2$

**5'-DMT-2'-dT-3'-PS-Phosphoramidite**

Catalog No.: PD4-016

Molecular Formula:  $C_{44}H_{48}N_3O_8PS_2$

**5'-DMT-2'-O-MOE-A(Bz)-3'-PS-Phosphoramidite**

Catalog No.: PR1-036

Molecular Formula:  $C_{54}H_{57}N_6O_9PS_2$

**5'-DMT-2'-O-MOE-5-Me-C(Bz)-3'-PS-Phosphoramidite**

Catalog No.: PR3-042

Molecular Formula:  $C_{54}H_{59}N_4O_{10}PS_2$

**5'-DMT-2'-O-MOE-G(iBu)-3'-PS-Phosphoramidite**

Catalog No.: PR2-041

Molecular Formula:  $C_{51}H_{59}N_6O_{10}PS_2$

**5'-DMT-2'-O-MOE-5-Me-U-3'-PS-Phosphoramidite**

Catalog No.: PR4-007

Molecular Formula:  $C_{47}H_{54}N_3O_{10}PS_2$

### **5'-DMT-2'-F-dA(Bz)-3'-PS-Phosphoramidite**

Catalog No.: PD1-039

Molecular Formula:  $C_{51}H_{50}FN_6O_7PS_2$

### **5'-DMT-2'-F-dC(Ac)-3'-PS-Phosphoramidite**

Catalog No.: PD3-054

Molecular Formula:  $C_{45}H_{48}FN_4O_8PS_2$

### **5'-DMT-2'-F-dG(iBu)-3'-PS-Phosphoramidite**

Catalog No.: PD2-037

Molecular Formula:  $C_{48}H_{52}FN_6O_8PS_2$

### **5'-DMT-2'-F-dU-3'-PS-Phosphoramidite**

Catalog No.: PD5-029

Molecular Formula:  $C_{43}H_{45}FN_3O_8PS_2$

### **5'-DMT-2'-OMe-A(Bz)-3'-PS-Phosphoramidite**

Catalog No.: PR1-062

Molecular Formula:  $C_{52}H_{53}N_6O_8PS_2$

### **5'-DMT-2'-OMe-C(Ac)-3'-PS-Phosphoramidite**

Catalog No.: PR3-067

Molecular Formula:  $C_{46}H_{51}N_4O_9PS_2$

### **5'-DMT-2'-OMe-5-Me-C(Bz)-3'-PS-Phosphoramidite**



Catalog No.: PR3-080

Molecular Formula:  $C_{52}H_{55}N_4O_9PS_2$

**5'-DMT-2'-OMe-G(iBu)-3'-PS-Phosphoramidite**

Catalog No.: PR2-063

Molecular Formula:  $C_{49}H_{55}N_6O_9PS_2$

**5'-DMT-2'-OMe-U-3'-PS-Phosphoramidite**

Catalog No.: PR5-052

Molecular Formula:  $C_{44}H_{48}N_3O_9PS_2$

**5'-DMT-2'-OMe-5-Me-U-3'-PS-Phosphoramidite**

Catalog No.: PR5-062

Molecular Formula:  $C_{45}H_{50}N_3O_9PS_2$

**N6-Bz-A-(S)-GNA phosphoramidite**

Catalog No.: OP-033

Molecular Formula:  $C_{45}H_{50}N_7O_6P$

**N4-Ac-C-(S)-GNA phosphoramidite**

Catalog No.: OP-041

Molecular Formula:  $C_{39}H_{48}N_5O_7P$

**T-(S)-GNA phosphoramidite**

Catalog No.: OP-032

Molecular Formula:  $C_{38}H_{47}N_4O_7P$

### **UNA-A(Bz)-CE Phosphoramidite**

Catalog No.: PR1-012

Molecular Formula:  $C_{54}H_{58}N_7O_9P$

### **UNA-C(Ac)-CE Phosphoramidite**

Catalog No.: PR3-018

Molecular Formula:  $C_{48}H_{56}N_5O_{10}P$

### **UNA-G(iBu)-CE Phosphoramidite**

Catalog No.: PR2-014

Molecular Formula:  $C_{51}H_{60}N_7O_{10}P$

### **UNA-U-CE Phosphoramidite**

Catalog No.: PR5-007

Molecular Formula:  $C_{46}H_{53}N_4O_{10}P$

### **5'-O-MMTr-2'-F-dG(iBu) Phosphoramidite**

Catalog No.: PD2-035

Molecular Formula:  $C_{43}H_{51}FN_7O_7P$

### **5'-O-DMTr-2'-F-dC(dmf)-3'-CE-Phosphoramidite**

Catalog No.: PD3-053

Molecular Formula:  $C_{42}H_{52}FN_6O_7P$

### **5'-O-DMTr-7-deaza-2'-O-Me-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-055

Molecular Formula:  $C_{46}H_{57}N_6O_9P$

### **5'-O-DMTr-2'-O-4'-C-Locked-5-Me-C(Ac) Phosphoramidite**

Catalog No.: PR3-057

Molecular Formula:  $C_{43}H_{52}N_5O_9P$

### **5-DMTr-2-OMe-1-deoxyribose-3-CE-Phosphoramidite**

Remarks: Abasic

Catalog No.: ON-222

Molecular Formula:  $C_{36}H_{47}N_2O_7P$

### **5-DMTr-2-F-1, 2-dideoxyribose-3-CE-Phosphoramidite**

Remarks: Abasic

Catalog No.: ON-223

Molecular Formula:  $C_{35}H_{44}FN_2O_6P$

### **DMO-4CA-N, N-dimethyl phosphoramidochloridate**

Catalog No.: OP-060

Molecular Formula:  $C_{56}H_{59}ClN_{12}O_9P_2$

### **DMO-4AC-N, N-dimethyl phosphoramidochloridate**

Catalog No.: OP-061

Molecular Formula:  $C_{56}H_{59}ClN_{12}O_9P_2$

### **DMO-4AA-N, N-dimethyl phosphoramidochloridate**

Catalog No.: OP-062

Molecular Formula:  $C_{57}H_{59}ClN_{14}O_8P_2$

### **DMO-4CC-N, N-dimethyl phosphoramidochloridate**

Catalog No.: PR3-053

Molecular Formula:  $C_{55}H_{59}ClN_{10}O_{10}P_2$

### **[5'-O-DMTr-2'-dG(iBu)](pCyEt)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-077

Molecular Formula:  $C_{61}H_{75}N_{13}O_{15}P_2$

### **[5'-O-DMTr-2'-dG(iBu)](pCyEt)[5-Me-2'-dU-3'-CE-Phosphoramidite]**

Catalog No.: OP-078

Molecular Formula:  $C_{57}H_{70}N_{10}O_{15}P_2$

### **[5'-O-DMTr-5-Me-2'-dU](pCyEt)[2'-dC(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-079

Molecular Formula:  $C_{59}H_{68}N_8O_{15}P_2$

### **[5'-O-DMTr-5-Me-2'-dU](pCyEt)[5-Me-2'-dU-3'-CE-Phosphoramidite]**

Catalog No.: OP-080

Molecular Formula:  $C_{53}H_{65}N_7O_{15}P_2$

**[5'-O-DMTr-2'-dA(Bz)](P-thio-pCyEt)[2'-dA(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-081

Molecular Formula:  $C_{67}H_{71}N_{13}O_{12}P_2S$

**[5'-O-DMTr-5-Me-2'-dC(Bz)](P-thio-pCyEt)[2'-dA(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-082

Molecular Formula:  $C_{67}H_{73}N_{11}O_{13}P_2S$

**[5'-O-DMTr-2'-dG(iBu)](P-thio-pCyEt)[2'-dA(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-083

Molecular Formula:  $C_{64}H_{73}N_{13}O_{13}P_2S$

**[5'-O-DMTr-2'-dT](P-thio-pCyEt)[2'-dA(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-084

Molecular Formula:  $C_{60}H_{68}N_{10}O_{13}P_2S$

**[5'-O-DMTr-2'-dA(Bz)](P-thio-pCyEt)[5-Me-2'-dC(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-085

Molecular Formula:  $C_{67}H_{73}N_{11}O_{13}P_2S$

**[5'-O-DMTr-5-Me-2'-dC(Bz)](P-thio-pCyEt)[5-Me-2'-dC(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-086

Molecular Formula:  $C_{67}H_{75}N_9O_{14}P_2S$

**[5'-O-DMTr-2'-dG(iBu)](P-thio-pCyEt)[5-Me-2'-dC(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-087

Molecular Formula:  $C_{64}H_{75}N_{11}O_{14}P_2S$

**[5'-O-DMTr-2'-dT](P-thio-pCyEt)[5-Me-2'-dC(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-088

Molecular Formula:  $C_{60}H_{70}N_8O_{14}P_2S$

**[5'-O-DMTr-2'-dA(Bz)](P-thio-pCyEt)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-089

Molecular Formula:  $C_{64}H_{73}N_{13}O_{13}P_2S$

**[5'-O-DMTr-5-Me-2'-dC(Bz)](P-thio-pCyEt)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-090

Molecular Formula:  $C_{64}H_{75}N_{11}O_{14}P_2S$

**[5'-O-DMTr-2'-dG(iBu)](P-thio-pCyEt)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-091

Molecular Formula:  $C_{61}H_{75}N_{13}O_{14}P_2S$

**[5'-O-DMTr-2'-dT](P-thio-pCyEt)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-092

Molecular Formula:  $C_{57}H_{70}N_{10}O_{14}P_2S$

**[5'-O-DMTr-2'-dA(Bz)](P-thio-pCyEt)[2'-dT-3'-CE-Phosphoramidite]**

Catalog No.: OP-093

Molecular Formula:  $C_{60}H_{68}N_{10}O_{13}P_2S$

**[5'-O-DMTr-5-Me-2'-dC(Bz)](P-thio-pCyEt)[2'-dT-3'-CE-Phosphoramidite]**

Catalog No.: OP-094

Molecular Formula:  $C_{60}H_{70}N_8O_{14}P_2S$

**[5'-O-DMTr-2'-dG(iBu)](P-thio-pCyEt)[2'-dT-3'-CE-Phosphoramidite]**

Catalog No.: OP-095

Molecular Formula:  $C_{57}H_{70}N_{10}O_{14}P_2S$

**[5'-O-DMTr-2'-dT](P-thio-pCyEt)[2'-dT-3'-CE-Phosphoramidite]**

Catalog No.: OP-096

Molecular Formula:  $C_{53}H_{65}N_7O_{14}P_2S$

**[5'-O-DMTr-2'-OMe-C(Ac)](P-thio-pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-097

Molecular Formula:  $C_{55}H_{68}N_8O_{16}P_2S$

**[5'-O-DMTr-2'-OMe-G(iBu)](pCyEt)[2'-F-dC(Ac)-3'-CE-Phosphoramidite]**

Catalog No.: OP-098

Molecular Formula:  $C_{59}H_{72}FN_{11}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-G(iBu)](pCyEt)[2'-OMe-C(Ac)-3'-CE-Phosphoramidite]**

Catalog No.: OP-099

Molecular Formula:  $C_{60}H_{75}N_{11}O_{17}P_2$

**[5'-O-DMTr-2'-F-dG(iBu)](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-100

Molecular Formula:  $C_{57}H_{69}FN_{10}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-A(Bz)](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-101

Molecular Formula:  $C_{70}H_{79}N_{13}O_{15}P_2$

**[5'-O-DMTr-2'-OMe-C(Ac)](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-102

Molecular Formula:  $C_{63}H_{73}N_{11}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-G(iBu)](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-103

Molecular Formula:  $C_{66}H_{77}N_{13}O_{16}P_2$



**[5'-O-DMTr-2'-OMe-U](pCyEt)[5'-O-DMTr-2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-104

Molecular Formula:  $C_{61}H_{70}N_{10}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-A(Bz)](pCyEt)[2'-O-Me-G(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-105

Molecular Formula:  $C_{66}H_{77}N_{13}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-A(Bz)](pCyEt)[2'-O-Me-C(Ac)-3'-CE-Phosphoramidite]**

Catalog No.: OP-106

Molecular Formula:  $C_{63}H_{73}N_{11}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-A(Bz)](pCyEt)[2'-O-Me-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-107

Molecular Formula:  $C_{61}H_{70}N_{10}O_{16}P_2$

**[5'-O-DMTr-2'-OMe-C(Ac)](pCyEt)[2'-O-Me-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-108

Molecular Formula:  $C_{55}H_{68}N_8O_{17}P_2$

**[5'-O-DMTr-2'-OMe-G(iBu)](pCyEt)[2'-O-Me-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-109

Molecular Formula:  $C_{58}H_{72}N_{10}O_{17}P_2$

**[5'-O-DMTr-2'-OMe-U](pCyEt)[2'-O-Me-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-110

Molecular Formula:  $C_{53}H_{65}N_7O_{17}P_2$

**[5'-O-DMTr-2'-F-dA(Bz)](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-111

Molecular Formula:  $C_{68}H_{72}FN_{13}O_{14}P_2$

**[5'-O-DMTr-2'-F-dC(Ac)](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-112

Molecular Formula:  $C_{62}H_{70}FN_{11}O_{15}P_2$

**[5'-O-DMTr-2'-F-dG(iBu)](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-113

Molecular Formula:  $C_{65}H_{74}FN_{13}O_{15}P_2$

**[5'-O-DMTr-2'-F-dU](pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-114

Molecular Formula:  $C_{60}H_{67}FN_{10}O_{15}P_2$

**[5'-O-DMTr-2'-F-dA(Bz)](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-115

Molecular Formula:  $C_{60}H_{67}FN_{10}O_{15}P_2$

**[5'-O-DMTr-2'-F-dC(Ac)](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-116

Molecular Formula:  $C_{54}H_{65}FN_8O_{16}P_2$

**[5'-O-DMTr-2'-F-dU](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-117

Molecular Formula:  $C_{52}H_{62}FN_7O_{16}P_2$

**[5'-O-DMTr-2'-OMe-A(Bz)](P-thio-pCyEt) [2'-O-Me-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-118

Molecular Formula:  $C_{69}H_{75}N_{13}O_{14}P_2S$

**[5'-O-DMTr-2'-dT](P-thio-pCyEt)[2'-O-Me-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-075

Molecular Formula:  $C_{53}H_{65}N_7O_{15}P_2S$

**DMTr-Cholesteryl-TEG Phosphoramidite (plant source)**

Remarks: Plant Source

Catalog No.: OP-020

Molecular Formula:  $C_{70}H_{106}N_3O_{11}P$

**5'-O-DMTr-dA(Bz)-3'-Methoxy-phosphoramidite**

Catalog No.: PD1-043

Molecular Formula:  $C_{45}H_{51}N_6O_7P$

**5'-O-DMTr-dG(iBu)-3'-Methoxy-phosphoramidite**

Catalog No.: PD2-045

Molecular Formula:  $C_{42}H_{53}N_6O_8P$

**5'-O-DMTr-5-Me-dC(Bz)-3'-Methoxy-phosphoramidite**

Catalog No.: PD3-069

Molecular Formula:  $C_{45}H_{53}N_4O_8P$

**5'-O-DMTr-dT-3'-Methoxy-phosphoramidite**

Catalog No.: PD4-033

Molecular Formula:  $C_{38}H_{48}N_3O_8P$

**5'-O-DMTr-2'-O-TBDMS-A(Bz)-3'-Methoxy-phosphoramidite**

Catalog No.: PR1-086

Molecular Formula:  $C_{51}H_{65}N_6O_8PSi$

**5'-O-DMTr-2'-O-TBDMS-G(iBu)-3'-Methoxy-phosphoramidite**

Catalog No.: PR2-073

Molecular Formula:  $C_{48}H_{67}N_6O_9PSi$

**5'-O-DMTr-2'-O-TBDMS-C(Ac)-3'-Methoxy-phosphoramidite**

Catalog No.: PR3-091

Molecular Formula:  $C_{45}H_{63}N_4O_9PSi$

**5'-O-DMTr-2'-O-TBDMS-U-3'-Methoxy-phosphoramidite**

Catalog No.: PR5-070

Molecular Formula:  $C_{43}H_{60}N_3O_9PSi$

**5'-O-DMTr-2'-F-dA(Bz)-3'-Methoxy-phosphoramidite**

Catalog No.: PD1-044

Molecular Formula:  $C_{45}H_{50}FN_6O_7P$

**5'-O-DMTr-2'-F-dG(iBu)-3'-Methoxy-phosphoramidite**

Catalog No.: PD2-052

Molecular Formula:  $C_{42}H_{52}FN_6O_8P$

**5'-O-DMTr-2'-F-dC(Ac)-3'-Methoxy-phosphoramidite**

Catalog No.: PD3-070

Molecular Formula:  $C_{39}H_{48}FN_4O_8P$

**5'-O-DMTr-2'-F-dU-3'-Methoxy-phosphoramidite**

Catalog No.: PD5-030

Molecular Formula:  $C_{37}H_{45}FN_3O_8P$

**5'-O-DMTr-2'-OMe-A(Bz)-3'-Methoxy-phosphoramidite**

Catalog No.: PR1-037

Molecular Formula:  $C_{46}H_{53}N_6O_8P$

**5'-O-DMTr-2'-OMe-G(iBu)-3'-Methoxy-phosphoramidite**

Catalog No.: PR2-072

Molecular Formula:  $C_{43}H_{55}N_6O_9P$

**5'-O-DMTr-2'-OMe-C(Ac)-3'-Methoxy-phosphoramidite**

Catalog No.: PR3-084

Molecular Formula:  $C_{40}H_{51}N_4O_9P$

**5'-O-DMTr-2'-OMe-U-3'-Methoxy-phosphoramidite**

Catalog No.: PR5-069

Molecular Formula:  $C_{38}H_{48}N_3O_9P$

**5'-O-DMTr-2'-O-MOE-G(iBu)-3'-Methoxy-phosphoramidite**

Catalog No.: PR2-074

Molecular Formula:  $C_{45}H_{59}N_6O_{10}P$

**5'-O-DMTr-2'-O-MOE-C(Ac)-3'-Methoxy-phosphoramidite**

Catalog No.: PR3-092

Molecular Formula:  $C_{42}H_{55}N_4O_{10}P$

**5'-O-DMTr-2'-O-MOE-A(Bz)-3'-Methoxy-phosphoramidite**

Catalog No.: PR1-087

Molecular Formula:  $C_{48}H_{57}N_6O_9P$

**5'-O-DMTr-2'-O-MOE-5-Me-U-3'-Methoxy-phosphoramidite**

Catalog No.: PR5-071

Molecular Formula:  $C_{41}H_{54}N_3O_{10}P$

### **5'-O-DMTr-β-L-dA(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PD1-042

Molecular Formula:  $C_{47}H_{52}N_7O_7P$

### **5'-O-DMTr-β-L-dC(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PD3-067

Molecular Formula:  $C_{46}H_{52}N_5O_8P$

### **5'-O-DMTr-β-L-5-Me-dC(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PD3-068

Molecular Formula:  $C_{47}H_{54}N_5O_8P$

### **5'-O-DMTr-β-L-dG(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PD2-044

Molecular Formula:  $C_{44}H_{54}N_7O_8P$

### **5'-O-DMTr-β-L-dT-3'-CE-Phosphoramidite**

Catalog No.: PD4-032

Molecular Formula:  $C_{40}H_{49}N_4O_8P$

### **5'-O-DMTr-2'-O-TBDMS-L-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-081

Molecular Formula:  $C_{53}H_{66}N_7O_8PSi$

### **5'-O-DMTr-2'-O-TBDMS-L-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-064

Molecular Formula:  $C_{50}H_{68}N_7O_9PSi$

### **5'-O-DMTr-2'-O-TBDMS-L-C(Ac)-3'-CE-Phosphoramidite**

Catalog No.: PR3-083

Molecular Formula:  $C_{47}H_{64}N_5O_9Si$

### **5'-O-DMTr-2'-O-TBDMS-L-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-064

Molecular Formula:  $C_{45}H_{61}N_4O_9PSi$

### **dT-PEG2-NH-Fmoc Phosphoramidite**

Catalog No.: PD4-025

Molecular Formula:  $C_{58}H_{69}N_4O_{12}P$

### **5'-O-DMTr-2'-O-TMBTM-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-082

Molecular Formula:  $C_{58}H_{66}N_7O_{11}PS$

### **5'-O-DMTr-2'-O-TMBTM-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-065

Molecular Formula:  $C_{55}H_{68}N_7O_{12}PS$

### **5'-O-DMTr-2'-O-TMBTM-C(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR3-086



Molecular Formula:  $C_{57}H_{66}N_5O_{12}PS$

**5'-O-DMTr-2'-O-TMBTM-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-066

Molecular Formula:  $C_{50}H_{61}N_4O_{12}PS$

**5'-O-DMTr-2'-O-TOM-A(Ac) Phosphoramidite**

Catalog No.: PR1-088

Molecular Formula:  $C_{52}H_{72}N_7O_9PSi$

**5'-O-DMTr-2'-O-TOM-C(Ac) Phosphoramidite**

Catalog No.: PR3-093

Molecular Formula:  $C_{51}H_{72}N_5O_{10}PSi$

**5'-O-DMTr-2'-O-TOM-G(Ac) Phosphoramidite**

Catalog No.: PR2-075

Molecular Formula:  $C_{52}H_{72}N_7O_{10}PSi$

**5'-O-DMTr-2'-O-TOM-U Phosphoramidite**

Catalog No.: PR5-072

Molecular Formula:  $C_{49}H_{69}N_4O_{10}PSi$

**2'-O-TBDMS-5'-trifluoroacetamido-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-065

Molecular Formula:  $C_{26}H_{43}F_3N_5O_7PSi$

### **(S)-SNA-A(Bz) Phosphoramidite**

Catalog No.: OP-136

Molecular Formula:  $C_{47}H_{53}N_8O_7P$

### **(S)-SNA-G(iBu) Phosphoramidite**

Catalog No.: OP-137

Molecular Formula:  $C_{44}H_{55}N_8O_8P$

### **(S)-SNA-C(Bz) Phosphoramidite**

Catalog No.: OP-133

Molecular Formula:  $C_{46}H_{53}N_6O_8P$

### **(S)-SNA-T Phosphoramidite**

Catalog No.: OP-138

Molecular Formula:  $C_{40}H_{50}N_5O_8P$

### **5'-O-DMTr-2'-O-TBDMS-G(Ac)-3'-CE-Phosphoramidite**

Catalog No.: PR2-069

Molecular Formula:  $C_{48}H_{64}N_7O_9PSi$

### **[5'-O-DMTr-2'-OMe-C(Ac)](pCyEt)[2'-O-Me-G(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-139

Molecular Formula:  $C_{60}H_{75}N_{11}O_{17}P_2$

**[5'-O-DMTr-2'-OMe-G(iBu)](pCyEt)[2'-O-Me-G(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-140

Molecular Formula:  $C_{63}H_{79}N_{13}O_{17}P_2$

**[5'-O-DMTr-2'-OMe-U](pCyEt)[2'-O-Me-G(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-141

Molecular Formula:  $C_{58}H_{72}N_{10}O_{17}P_2$

**[5'-O-DMTr-2'-OMe-A(Bz)](pCyEt) [2'-F-dA(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-142

Molecular Formula:  $C_{68}H_{72}FN_{13}O_{14}P_2$

**[5'-O-DMTr-2'-dG(iBu)](pMe)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-143

Molecular Formula:  $C_{59}H_{74}N_{12}O_{15}P_2$

**[5'-O-DMTr-2'-dG(iBu)](pMe)[5-Me-2'-dU-3'-CE-Phosphoramidite]**

Catalog No.: OP-144

Molecular Formula:  $C_{55}H_{69}N_9O_{15}P_2$

**[5'-O-DMTr-2'-OMe-C(Ac)](P-thio-pCyEt)[2'-OMe-U](P-thio-pCyEt)[2'-OMe-A(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-145

Molecular Formula:  $C_{76}H_{89}N_{14}O_{22}P_3S_2$

**[5'-O-DMTr-2'-OMe-G(iBu)](pCyEt)[2'-OMe-A(Bz)](pCyEt)[2'-OMe-C(Ac)-3'-CE-Phosphoramidite]**

Catalog No.: OP-146

Molecular Formula:  $C_{81}H_{96}N_{17}O_{24}P_3$

**[5'-O-DMTr-2'-F-dC(Ac)](pCyEt)[2'-OMe-U](pCyEt)[2'-F-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-147

Molecular Formula:  $C_{71}H_{85}F_2N_{14}O_{23}P_3$

**[5'-O-DMTr-2'-OMe-U](pCyEt)[2'-dT](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-148

Molecular Formula:  $C_{66}H_{81}N_{10}O_{24}P_3$

**[5'-O-DMTr-2'-OMe-U](pCyEt)[2'-O-Me-G(iBu)](pCyEt)[2'-OMe-C(Ac)-3'-CE-Phosphoramidite]**

Catalog No.: OP-149

Molecular Formula:  $C_{73}H_{91}N_{14}O_{25}P_3$

**[5'-O-DMTr-2'-OMe-U](pCyEt)[2'-O-Me-U](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]**

Catalog No.: OP-150

Molecular Formula:  $C_{66}H_{81}N_{10}O_{25}P_3$

**mU[5'-O-DMTr-2'-OMe-U](pCyEt)[2'-O-Me-G(iBu)](pCyEt)[2'-OMe-U-3'-CE-Phosphoramidite]-mG-Mu**

Catalog No.: OP-151

Molecular Formula:  $C_{71}H_{88}N_{13}O_{25}P_3$

**[5'-O-DMTr-2'-dT](pCyEt)[2'-dT](pCyEt)[2'-dT-3'-CE-Phosphoramidite]**

Catalog No.: OP-152

Molecular Formula:  $C_{66}H_{81}N_{10}O_{22}P_3$

**HQ-F554 Phosphoramidite**

Catalog No.: OP-028

Molecular Formula:  $C_{52}H_{59}Cl_3N_3O_{10}P$

**Cyanine 5 mono MMT phosphoramidite**

Catalog No.: OP-057

Molecular Formula:  $C_{60}H_{72}ClN_4O_4P$

**5'-HDQ-1 Phosphoramidite**

Catalog No.: OP-027

Molecular Formula:  $C_{34}H_{45}N_8O_5P$

**Dabcyl dT Phosphoramidite**

Catalog No.: PD4-015

Molecular Formula:  $C_{63}H_{76}N_9O_{10}P$

**Beta-D-homoDNA-A(Bz) Phosphoramidite**

Catalog No.: OP-156

Molecular Formula:  $C_{48}H_{54}N_7O_7P$

### **Beta-D-homoDNA-G(iBu) Phosphoramidite**

Catalog No.: OP-155

Molecular Formula:  $C_{45}H_{56}N_7O_8P$

### **Beta-D-homoDNA-C(Bz) Phosphoramidite**

Catalog No.: OP-134

Molecular Formula:  $C_{47}H_{54}N_5O_8P$

### **Beta-D-homoDNA-T Phosphoramidite**

Catalog No.: OP-157

Molecular Formula:  $C_{41}H_{51}N_4O_8P$

### **Gemcitabine 3'-CE Phosphoramidite**

Catalog No.: PD3-064

Molecular Formula:  $C_{46}H_{50}F_2N_5O_8P$

CAS No.: 142808-44-4

### **Palmitic Aminohexanol Amidite**

Catalog No.: OP-034

Molecular Formula:  $C_{31}H_{62}N_3O_3P$

### **Spacer Phosphoramidite 9**

Catalog No.: OP-206

Molecular Formula:  $C_{36}H_{49}N_2O_7P$

CAS No.: 146668-73-7

**Cholesterol tetraethylene glycol (TetraEG) amidite (plant source)**

Remarks: Plant Source

Catalog No.: ON-419

Molecular Formula:  $C_{48}H_{86}N_3O_8P$

**N6-def-5'-O-DMTr-2'-dA-3'-CE Phosphoramidite**

Catalog No.: PD1-056

Molecular Formula:  $C_{45}H_{57}N_8O_6P$

**5'-O-DMTr-2'-dG(cpp)-3'-CE-Phosphoramidite**

Catalog No.: PD2-055

Molecular Formula:  $C_{48}H_{60}N_7O_8P$

**N4, O5-diBz-5'-O-DMTr-2'-dC-3'-CE Phosphoramidite**

Catalog No.: PD3-075

Molecular Formula:  $C_{53}H_{56}N_5O_{10}P$

**5'-O-DMTr-2'-O-TBDMS-5, 6-dihydrouridine-3'-CE-Phosphoramidite**

Catalog No.: PR5-078

Molecular Formula:  $C_{45}H_{63}N_4O_9PSi$

**N1-Me-5'-O-DMTr-2'-O-TBDMS-G(iPr-pac)-3'-CE-Phosphoramidite**

Catalog No.: PR2-085

Molecular Formula:  $C_{58}H_{76}N_7O_{10}PSi$

**5'-O-DMT-2'-O-TBDMS-dG(Me)-3'-CE-Phosphoramidite**

Catalog No.: PR2-087

Molecular Formula:  $C_{47}H_{64}N_7O_8PSi$

**N1-Me-5'-O-DMTr-2'-O-TBDMS-G(dmf)-3'-CE-Phosphoramidite**

Catalog No.: PR2-080

Molecular Formula:  $C_{50}H_{69}N_8O_8PSi$

**5'-O-DMTr-2'-O-Me-8-Me-G(dmf)-3'-CE Phosphoramidite**

Catalog No.: PR2-088

Molecular Formula:  $C_{45}H_{57}N_8O_8P$

**[5'-O-DMTr-2'-OMe-C(Ac)](P-thio-pCyEt)[2'-O-Me-C(Ac)-3'-CE-Phosphoramidite]**

Catalog No.: OP-159

Molecular Formula:  $C_{57}H_{71}N_9O_{16}P_2S$

**[5'-O-DMTr-2'-OMe-C(Ac)](P-thio-pCyEt)[2'-O-Me-G(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-160

Molecular Formula:  $C_{60}H_{75}N_{11}O_{16}P_2S$

**5'-NPPOC-dA(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PD1-057

Molecular Formula:  $C_{36}H_{43}N_8O_9P$



### **5'-NPPOC-dC(Ac)-3'-CE-Phosphoramidite**

Catalog No.: PD3-086

Molecular Formula:  $C_{30}H_{41}N_6O_{10}P$

### **5'-NPPOC-dG(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PD2-065

Molecular Formula:  $C_{33}H_{45}N_8O_{10}P$

### **5'-NPPOC-dT-3'-CE-Phosphoramidite**

Catalog No.: PD4-044

Molecular Formula:  $C_{29}H_{40}N_5O_{10}P$

### **5-O-DMTr-1-O-Bz-2-O-Me-ribofuranose-3-CE-Phosphoramidite**

Remarks: Abasic

Catalog No.: OP-154

Molecular Formula:  $C_{43}H_{51}N_2O_9P$

### **5-O-DMTr-1-O-Ac-2-F-2-deoxyribofuranose-3-CE-Phosphoramidite**

Remarks: Abasic

Catalog No.: OP-164

Molecular Formula:  $C_{37}H_{46}FN_2O_8P$

### **Chemical Phosphorylation Reagent II (CPR II)**

Catalog No.: OP-163

Molecular Formula:  $C_{39}H_{51}N_2O_9P$

## **Solid Chemical Phosphorylation Reagent II**

Catalog No.: OP-165

Molecular Formula:  $C_{37}H_{49}N_4O_7P$

## **n-Butyl-2-cyanoethyl-N, N-diisopropylphosphoramidite**

Catalog No.: OP-168

Molecular Formula:  $C_{13}H_{27}N_2O_2P$

## **MMTr C2 linker Phosphoramidite**

Catalog No.: OP-170

Molecular Formula:  $C_{31}H_{40}N_3O_3P$

## **MMTr C3 linker Phosphoramidite**

Catalog No.: OP-171

Molecular Formula:  $C_{32}H_{42}N_3O_3P$

## **NHMMTr-C4 Phosphoramidite**

Catalog No.: OP-172

Molecular Formula:  $C_{33}H_{44}N_3O_3P$

## **NHMMTr-C5 Phosphoramidite**

Catalog No.: OP-173

Molecular Formula:  $C_{34}H_{46}N_3O_3P$

### **NHMMTr-C7 Phosphoramidite**

Catalog No.: OP-174

Molecular Formula:  $C_{36}H_{50}N_3O_3P$

### **Spacer C12 Phosphoramidite**

Catalog No.: OP-182

Molecular Formula:  $C_{42}H_{61}N_2O_5P$

CAS No.: 158665-27-1

### **1, 3-di-O-DMTr-glycerol-bis-(diisopropylamino)-Phosphane**

Catalog No.: OP-189

Molecular Formula:  $C_{57}H_{71}N_2O_7P$

### **6-O-DMTr-hexane-bis-(diisopropylamino)-Phosphane**

Catalog No.: OP-190

Molecular Formula:  $C_{39}H_{59}N_2O_4P$

### **12-O-DMTr-dodecane-bis-(diisopropylamino)-Phosphane**

Catalog No.: OP-191

Molecular Formula:  $C_{45}H_{71}N_2O_4P$

### **1, 3-di-O-DMTr-glycerol-CE-Phosphoramidite**

Catalog No.: OP-192

Molecular Formula:  $C_{54}H_{61}N_2O_8P$

### **N3-cyanoethyl-5'-O-DMTr-2'-dT-3'-CE-phosphoramidite**

Catalog No.: PD4-045

Molecular Formula:  $C_{43}H_{52}N_5O_8P$

### **5'-O-DMTr-2'-O-TBDMS-Pseudouridine-3'-CE Phosphoramidite**

Catalog No.: PR5-096

Molecular Formula:  $C_{45}H_{61}N_4O_9PSi$

### **5'-O-DMTr-2'-O-Me-2-thiouridine-3'-CE-Phosphoramidite**

Catalog No.: PR5-091

Molecular Formula:  $C_{40}H_{49}N_4O_8PS$

### **2'-F-ANA-T-3'-CE-Phosphoramidite**

Catalog No.: PD4-040

Molecular Formula:  $C_{40}H_{48}FN_4O_8P$

### **Beta-D-homoDNA-G(dmf) Phosphoramidite**

Catalog No.: OP-187

Molecular Formula:  $C_{44}H_{55}N_8O_7P$

### **Beta-D-homoDNA-I Phosphoramidite**

Catalog No.: OP-188

Molecular Formula:  $C_{41}H_{49}N_6O_7P$

**5'-O-DMTr-2'-OMe-A(Bz)-3'-O-[P-methyl-(N,N-diisopropyl)]-Phosphoramidite**

Catalog No.: PR1-099

Molecular Formula:  $C_{46}H_{53}N_6O_7P$

**5'-O-DMTr-2'-OMe-G(iBu)-3'-O-[P-methyl-(N,N-diisopropyl)]-Phosphoramidite**

Catalog No.: PR2-099

Molecular Formula:  $C_{43}H_{55}N_6O_8P$

**5'-O-DMTr-2'-OMe-C(Ac)-3'-O-[P-methyl-(N,N-diisopropyl)]-Phosphoramidite**

Catalog No.: PR3-117

Molecular Formula:  $C_{40}H_{51}N_4O_8P$

**5'-O-DMTr-2'-OMe-U-3'-O-[P-methyl-(N,N-diisopropyl)]-Phosphoramidite**

Catalog No.: PR5-100

Molecular Formula:  $C_{38}H_{48}N_3O_8P$

**[5'-O-DMTr-2'-dT](P-thio-pCyEt)[2'-dC(Bz)-3'-CE-Phosphoramidite]**

Catalog No.: OP-180

Molecular Formula:  $C_{59}H_{68}N_8O_{14}P_2S$

**NHMMTr-C8 Phosphoramidite**

Catalog No.: OP-175

Molecular Formula:  $C_{37}H_{52}N_3O_3P$

## **DMTr-hydroxymethyl hexyl-Biotin Phosphoramidite**

Catalog No.: OP-183

Molecular Formula:  $C_{47}H_{66}N_5O_7PS$

## **2-cyanoethyl (6-(3-(prop-2-yn-1-yloxy)-2,2-bis((prop-2-yn-1-yloxy)methyl)propoxy)hexyl)**

Catalog No.: ON-448

Molecular Formula:  $C_{29}H_{47}N_2O_6P$

## **5'-ferrocene CE Phosphoramidite**

Catalog No.: OP-211

Molecular Formula:  $C_{26}H_{40}FeN_3O_3P$

## **5'-O-DMTr-2'-O-(methoxycarbonyl)methyl-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-098

Molecular Formula:  $C_{50}H_{56}N_7O_{10}P$

## **5'-O-DMTr-2'-O-(methoxycarbonyl)methyl-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-096

Molecular Formula:  $C_{47}H_{58}N_7O_{11}P$

## **5'-O-DMTr-2'-O-(methoxycarbonyl)methyl-5-Me-C(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR3-115

Molecular Formula:  $C_{47}H_{60}N_5O_{11}P$

**5'-O-DMTr-2'-O-(methoxycarbonyl)methyl-5-Me-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-093

Molecular Formula:  $C_{43}H_{53}N_4O_{11}P$

**5'-O-DMTr-2'-O-TBDMS-5-Me-C(Ac)-3'-CE-Phosphoramidite**

Catalog No.: PR3-114

Molecular Formula:  $C_{48}H_{66}N_5O_9PSi$

**5'-O-DMTr-2'-O-TBDMS-5-Me-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-097

Molecular Formula:  $C_{46}H_{63}N_4O_9PSi$

**5'-O-DMTr-2'-O-MOE-U Phosphoramidite**

Catalog No.: PR5-107

Molecular Formula:  $C_{42}H_{53}N_4O_{10}P$

**DMT-G(iBu)-(S)-GNA Phosphoramidite**

Catalog No.: OP-194

Molecular Formula:  $C_{42}H_{52}N_7O_7P$

**DMT-U-(S)-GNA Phosphoramidite**

Catalog No.: OP-193

Molecular Formula:  $C_{37}H_{45}N_4O_7P$

### **HNA-A(Bz) Phosphoramidite**

Catalog No.: OP-221

Molecular Formula:  $C_{48}H_{54}N_7O_7P$

### **HNA-G(iBu) Phosphoramidite**

Catalog No.: OP-222

Molecular Formula:  $C_{45}H_{56}N_7O_8P$

### **HNA-C(Bz) Phosphoramidite**

Catalog No.: OP-197

Molecular Formula:  $C_{47}H_{54}N_5O_8P$

### **HNA-T Phosphoramidite**

Catalog No.: OP-223

Molecular Formula:  $C_{41}H_{51}N_4O_8P$

### **3'-NPPOC-dA(tBPac)-5'-CE-Phosphonamidite**

Catalog No.: PD1-062

Molecular Formula:  $C_{41}H_{53}N_8O_{10}P$

### **3'-NPPOC-dG(iPrPac)-5'-CE-Phosphonamidite**

Catalog No.: PD2-072

Molecular Formula:  $C_{40}H_{51}N_8O_{11}P$

### **3'-NPPOC-dC(iBu)-5'-CE-Phosphonamidite**

Catalog No.: PD3-091



Molecular Formula:  $C_{32}H_{45}N_6O_{10}P$

**5'-O-DMTr-2'-ara-OMe-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-102

Molecular Formula:  $C_{48}H_{54}N_7O_8P$

**5'-O-DMTr-2'-ara-OMe-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-097

Molecular Formula:  $C_{45}H_{56}N_7O_9P$

**5'-O-DMTr-2'-ara-OMe-C(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR3-127

Molecular Formula:  $C_{47}H_{54}N_5O_9P$

**5'-O-DMTr-2'-ara-OMe-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-103

Molecular Formula:  $C_{40}H_{49}N_4O_9P$

**5'-O-DMTr-2'-ara-OMe-I-3'-CE-Phosphoramidite**

Catalog No.: PR6-006

Molecular Formula:  $C_{41}H_{49}N_6O_8P$

**5'-O-DMTr-2'-ara-OAc-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-101

Molecular Formula:  $C_{49}H_{54}N_7O_9P$

### **5'-O-DMTr-2'-ara-OAc-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-098

Molecular Formula:  $C_{46}H_{56}N_7O_{10}P$

### **5'-O-DMTr-2'-ara-OAc-C(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR3-124

Molecular Formula:  $C_{48}H_{54}N_5O_{10}P$

### **5'-O-DMTr-2'-ara-OAc-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-102

Molecular Formula:  $C_{41}H_{49}N_4O_{10}P$

### **5'-O-DMTr-2'-ara-OAc-I-3'-CE-Phosphoramidite**

Catalog No.: PR6-005

Molecular Formula:  $C_{42}H_{49}N_6O_9P$

### **5'-O-DMTr-2'-ara-F-I-3'-CE-Phosphoramidite**

Catalog No.: PD6-007

Molecular Formula:  $C_{40}H_{46}FN_6O_7P$

### **5'-O-DMTr-2'-O-Trifluoroacetamido propyl-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-108

Molecular Formula:  $C_{52}H_{58}F_3N_8O_9P$

**5'-O-DMTr-2'-O-Trifluoroacetamido propyl-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-105

Molecular Formula:  $C_{49}H_{60}F_3N_8O_{10}P$

**5'-O-DMTr-2'-O-Trifluoroacetamido propyl-C(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR3-122

Molecular Formula:  $C_{51}H_{58}F_3N_6O_{10}P$

**5'-O-DMTr-2'-O-Trifluoroacetamido propyl-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-098

Molecular Formula:  $C_{44}H_{53}F_3N_5O_{10}P$

**5'-O-DMTr-2'-Trifluoroacetamido-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PD1-061

Molecular Formula:  $C_{49}H_{52}F_3N_8O_8P$

**5'-O-DMTr-2'-Trifluoroacetamido-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PD2-070

Molecular Formula:  $C_{46}H_{54}F_3N_8O_9P$

**5'-O-DMTr-2'-Trifluoroacetamido-C(Ac)-3'-CE-Phosphoramidite**

Catalog No.: PD3-089

Molecular Formula:  $C_{43}H_{50}F_3N_6O_9P$

**5'-O-DMTr-2'-Trifluoroacetamido-U-3'-CE-Phosphoramidite**

Catalog No.: PD5-039

Molecular Formula:  $C_{41}H_{47}F_3N_5O_9P$

**5'-O-DMTr-2'-dA(Bz)-3'-O-[P-methyl-(N, N-diisopropyl)]-Phosponamidite**

Catalog No.: PD1-060

Molecular Formula:  $C_{45}H_{51}N_6O_6P$

**5'-O-DMTr-2'-dG(iBu)-3'-O-[P-methyl-(N, N-diisopropyl)]-Phosponamidite**

Catalog No.: PD2-071

Molecular Formula:  $C_{42}H_{53}N_6O_7P$

**5'-O-DMTr-2'-dC(Ac)-3'-O-[P-methyl-(N, N-diisopropyl)]-Phosponamidite**

Catalog No.: PD3-090

Molecular Formula:  $C_{39}H_{49}N_4O_7P$

**5'-O-DMTr-2'-dT-3'-O-[P-methyl-(N, N-diisopropyl)]-Phosponamidite**

Catalog No.: PD4-046

Molecular Formula:  $C_{38}H_{48}N_3O_7P$

**5'-O-DMTr-2'-dA(Bz)-3'-O-[(N, N-diisopropyl)-P-heptyl]phosponamidite**

Catalog No.: PD1-065

Molecular Formula:  $C_{51}H_{63}N_6O_6P$

**5'-O-DMTr-2'-dG(iBu)-3'-O-[(N, N-diisopropyl)-P-heptyl]phosphonamidite**

Catalog No.: PD2-075

Molecular Formula:  $C_{48}H_{65}N_6O_7P$

**5'-O-DMTr-2'-dC(Bz)-3'-O-[(N, N-diisopropyl)-P-heptyl]phosphonamidite**

Catalog No.: PD3-097

Molecular Formula:  $C_{50}H_{63}N_4O_7P$

**5'-O-DMTr-2'-dT-3'-O-[(N, N-diisopropyl)-P-heptyl]phosphonamidite**

Catalog No.: PD4-049

Molecular Formula:  $C_{44}H_{60}N_3O_7P$

**5'-O-DMTr-2'-dI-3'-O-[(N, N-diisopropyl)-P-heptyl]phosphonamidite**

Catalog No.: PD6-008

Molecular Formula:  $C_{44}H_{58}N_5O_6P$

**PMO-CAG trimer phosphoramidochloridate**

Catalog No.: OP-195

Molecular Formula:  $C_{80}H_{90}ClN_{20}O_{18}P_3$

**$\alpha$ -Tocopherol-TEG Phosphoramidite**

Catalog No.: OP-207

Molecular Formula:  $C_{68}H_{103}N_2O_{10}P$

### **5'-OMe-2'-dG(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PD2-068

Molecular Formula:  $C_{24}H_{38}N_7O_6P$

### **5'-O-DMTr-O4-Triazolyl-dU-3'-CE-Phosphoramidite (Convertible dU)**

Catalog No.: PD5-037

Molecular Formula:  $C_{41}H_{48}N_7O_7P$

### **5'-O-DMTr-2'-dT(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PD4-043

Molecular Formula:  $C_{47}H_{53}N_4O_9P$

### **N6-[4-(N-Fmoc-N-methyl-amino)butyryl]-5'-O-DMTr-2'-dA-3'-CE-Phosphoramidite**

Catalog No.: PD1-059

Molecular Formula:  $C_{60}H_{67}N_8O_9P$

### **N2-[4-(N-Fmoc-N-methyl-amino)butyryl]-5'-O-DMTr-2'-dG-3'-CE-Phosphoramidite**

Catalog No.: PD2-069

Molecular Formula:  $C_{60}H_{67}N_8O_{10}P$

### **N4-[4-(N-Fmoc-N-methyl-amino)butyryl]-5'-O-DMTr-2'-dC-3'-CE-Phosphoramidite**

Catalog No.: PD3-088

Molecular Formula:  $C_{60}H_{68}N_5O_{10}P$

### **TEG-GalNAc Cluster Amidite**

Catalog No.: OP-123

Molecular Formula:  $C_{61}H_{89}N_4O_{19}P$

### **AP-dC Phosphoramidite**

Catalog No.: PD3-098

Molecular Formula:  $C_{49}H_{54}F_3N_6O_{10}P$

CAS No.: 1360536-91-9

### **5'-O-DMTr-dA(Bz) PACE**

Catalog No.: PD1-066

Molecular Formula:  $C_{51}H_{58}N_7O_8P$

### **5'-O-DMTr-dC(Ac) PACE**

Catalog No.: PD3-099

Molecular Formula:  $C_{45}H_{56}N_5O_9P$

### **5'-O-DMTr-dG(iBu) PACE**

Catalog No.: PD2-076

Molecular Formula:  $C_{48}H_{60}N_7O_9P$

### **5'-O-DMTr-dT PACE**

Catalog No.: PD4-051

Molecular Formula:  $C_{44}H_{55}N_4O_9P$

### **5'-O-DMTr-2'-O-Me-A(iBu) PACE**

Catalog No.: PR1-072

Molecular Formula:  $C_{49}H_{62}N_7O_9P$

### **5'-O-DMTr-2'-O-Me-C(Ac) PACE**

Catalog No.: PR3-073

Molecular Formula:  $C_{46}H_{58}N_5O_{10}P$

### **5'-O-DMTr-2'-O-Me-G(Ac) PACE**

Catalog No.: PR2-056

Molecular Formula:  $C_{47}H_{58}N_7O_{10}P$

### **5'-O-DMTr-2'-O-Me-U PACE**

Catalog No.: PR5-057

Molecular Formula:  $C_{44}H_{55}N_4O_{10}P$

### **N1-Me-5'-OMMT-2'-OTBDMS-A(Cl-Ac)-3'-CE-Phosphoramidite**

Catalog No.: PR1-115

Molecular Formula:  $C_{48}H_{63}ClN_7O_7PSi$

### **5'-ODMTr-2'-OMe-A(Pac)-3'-CE-phosphoramidite**

Catalog No.: PR1-116

Molecular Formula:  $C_{49}H_{56}N_7O_9P$

### **5'-ODMTr-2'-F-dT-3'-CE-Phosphoramidite**



Catalog No.: PD4-048

Molecular Formula:  $C_{40}H_{48}FN_4O_8P$

### **DMT-2'-O-MOE-I-CE phosphoramidite**

Catalog No.: PR6-002

Molecular Formula:  $C_{43}H_{53}N_6O_9P$

### **5'-ODMTr-2'-OMOE-G(Pac)-3'-CE-Phosphoramidite**

Catalog No.: PR2-108

Molecular Formula:  $C_{51}H_{60}N_7O_{11}P$

### **N3-cyanoethyl-5'-O-DMTr-2'-OMOE-5-Me-U-3'-CE-phosphoramidite**

Catalog No.: PR5-109

Molecular Formula:  $C_{46}H_{58}N_5O_{10}P$

### **5'-ODMTr-2'-OMOE-A(Pac)-3'-CE-Phosphoramidite**

Catalog No.: PR1-110

Molecular Formula:  $C_{51}H_{60}N_7O_{10}P$

### **TFA-C12-amine-linker Phosphoramidite**

Catalog No.: OP-226

Molecular Formula:  $C_{23}H_{43}F_3N_3O_3P$

### **Treble amidite**

Catalog No.: OP-231

Molecular Formula:  $C_{86}H_{101}N_2O_{14}P$

**1-(bis(4-methoxyphenyl)(phenyl)methoxy)-3-(4-((tert-butyltrimethylsilyl)oxy)benzamido)propan-2-yl (2-cyanoethyl) diisopropylphosphoramidite**

Catalog No.: OP-219

Molecular Formula:  $C_{46}H_{62}N_3O_7PSi$

CAS No.: 2237990-57-5

**2-cyanoethyl hex-5-yn-1-yl diisopropylphosphoramidite**

Catalog No.: OP-225

Molecular Formula:  $C_{15}H_{27}N_2O_2P$

**CP-A752**

Catalog No.: PR1-109

Molecular Formula:  $C_{56}H_{67}N_8O_{11}P$

**5'-O-DMTr-2'-O-octyl-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-116

Molecular Formula:  $C_{47}H_{63}N_4O_9P$

CAS No.: 2382942-79-0

**5'-O-DMTr-dZ(O<sup>2</sup>-NPE-N<sup>6</sup>-Ac)-3'-CE-Phosphoramidite**

Catalog No.: OP-200

Molecular Formula:  $C_{50}H_{57}N_6O_{12}P$

**1'-(5'-ODMTr-2'-deoxyl- $\beta$ -D-ribofuranosyl)-4-methyl-1-methyl-2-nitro-1H-imidazole-3'-CE-Phosphoramidite**

Catalog No.: OP-224

Molecular Formula:  $C_{40}H_{50}N_5O_9P$

**4'-ethynyl-dT-3'-CE-Phosphoramidite**

Catalog No.: PD4-050

Molecular Formula:  $C_{20}H_{29}N_4O_5P$

**5'-O-DMTr-5-[N-((4-t-butylbenzoyl)-biotinyl)-aminohexyl]-3-acrylimido]-2'-dT-3'-CE-phosphoramidite**

Catalog No.: PD4-054

Molecular Formula:  $C_{69}H_{89}N_8O_{12}PS$

CAS No.: 198080-40-9

**Peracetylated  $\beta$ -D-glucoside-TEG-phosphoramidite**

Catalog No.: OP-213

Molecular Formula:  $C_{29}H_{49}N_2O_{14}P$

**[5'-O-DMTr-2'-dG(iBu)](pCyEt)[2'-dG(iBu)](pCyEt)[2'-dG(iBu)-3'-CE-Phosphoramidite]**

Catalog No.: OP-234

Molecular Formula:  $C_{78}H_{96}N_{19}O_{22}P_3$

**5'-ODMTr-2'-ODMA-A(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR1-114

Molecular Formula:  $C_{51}H_{59}N_8O_9P$

**5'-ODMTr-2'-ODMA-C(Bz)-3'-CE-Phosphoramidite**

Catalog No.: PR3-129

Molecular Formula:  $C_{50}H_{59}N_6O_{10}P$

**5'-ODMTr-2'-ODMA-G(iBu)-3'-CE-Phosphoramidite**

Catalog No.: PR2-109

Molecular Formula:  $C_{48}H_{61}N_8O_{10}P$

**5'-ODMTr-2'-ODMA-5-Me-U-3'-CE-Phosphoramidite**

Catalog No.: PR5-113

Molecular Formula:  $C_{44}H_{56}N_5O_{10}P$

**3'-O-DMT- $\alpha$ -L-threofuranosyl-U-2'-CE-Phosphoramidite**

Remarks: TNA U

Catalog No.: PR5-108

Molecular Formula:  $C_{38}H_{45}N_4O_8P$

**3'-O-DMT- $\alpha$ -L-threofuranosyl-A(Bz)-2'-CE-Phosphoramidite**

Remarks: TNA A

Catalog No.: PR1-120

Molecular Formula:  $C_{46}H_{50}N_7O_7P$

**3'-O-DMT- $\alpha$ -L-threofuranosyl-G(iBu)-2'-CE-Phosphoramidite**

Remarks: TNA G

Catalog No.: PR2-118

Molecular Formula:  $C_{43}H_{52}N_7O_8P$

**3'-O-DMT- $\alpha$ -L-threofuranosyl-C(Bz)-2'-CE-Phosphoramidite**

Remarks: TNA C

Catalog No.: PR3-134

Molecular Formula:  $C_{45}H_{50}N_5O_8P$

**3'-O-DMT- $\alpha$ -L-threofuranosyl-T-2'-CE-Phosphoramidite**

Remarks: TNA T

Catalog No.: PR5-122

Molecular Formula:  $C_{39}H_{47}N_4O_8P$

**5'-O-DMTr-2'-O-MOE-5-Me-U-3'-[P-(3-methoxypropyl)-N, N-diisopropyl] phosphonamidite**

Catalog No.: PR5-117

Molecular Formula:  $C_{44}H_{60}N_3O_{10}P$

**5'-O-DMTr-2'-O-MOE-A(Bz)-3'-[P-(3-methoxypropyl)-N, N-diisopropyl] phosphonamidite**

Catalog No.: PR1-125

Molecular Formula:  $C_{51}H_{63}N_6O_9P$

**5'-O-DMTr-2'-O-MOE-G(iBu)-3'-[P-(3-methoxypropyl)-N, N-diisopropyl] phosphonamidite**

Catalog No.: PR2-119

Molecular Formula:  $C_{48}H_{65}N_6O_{10}P$

**5'-O-DMTr-2'-O-MOE-C(Bz)-3'-[P-(3-methoxypropyl)-N, N-diisopropyl] phosphonamidite**

Catalog No.: PR3-144

Molecular Formula:  $C_{50}H_{63}N_4O_{10}P$

**5'-O-DMTr-2'-O-MOE-U-3'-[P-(3-methoxypropyl)-N, N-diisopropyl] phosphonamidite**

Catalog No.: PR5-135

Molecular Formula:  $C_{43}H_{58}N_3O_{10}P$

**5'-O-DMTr-2'-dT-3'-[tBu-N, N-diisopropyl]] phosphoramidite**

Catalog No.: PD4-052

Molecular Formula:  $C_{41}H_{54}N_3O_8P$

**5'-O-DMTr-2'-dA(Bz)-3'-[tBu-N, N-diisopropyl]] phosphoramidite**

Catalog No.: PD1-072

Molecular Formula:  $C_{48}H_{57}N_6O_7P$

**5'-O-DMTr-2'-dG(iBu)-3'-[tBu-N, N-diisopropyl]] phosphoramidite**

Catalog No.: PD2-079

Molecular Formula:  $C_{45}H_{59}N_6O_8P$

**5'-O-DMTr-2'-dC(Bz)-3'-[tBu-N, N-diisopropyl]] phosphoramidite**

Catalog No.: PD3-104

Molecular Formula:  $C_{47}H_{57}N_4O_8P$

**5'-O-DMTr-5-Me-2'-dC(Bz)-3'-[tBu-N, N-diisopropyl]] phosphoramidite**

Catalog No.: PD3-105

Molecular Formula:  $C_{48}H_{59}N_4O_8P$

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