

GLYCOGENE

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www.glycogene.com



V3.1



PRODUCT CATALOG

GalNAc ■

Phosphoramidites ■



ABOUT US

Glycogene INC is an advanced biotechnology enterprise founded in Wuhan with a warehouse in Atlanta, USA. We focus our business in the fields of R&D, manufacturing, and marketing to help our customers in their evolving needs for higher quality of chemicals.

Here at Glycogene, using our biosynthesis, fermentation and organic synthesis techniques, our scientific experts are more than happy to offer the best quality and cost-effective products such as nucleosides, nucleotides, phosphoramidites and carbohydrates. Also, we can provide custom synthesis service for unique structures those are not in stock.

Over the years, with constant collaboration and innovation, we have enriched our product list to cover our customer's essential needs and still in search to expand our product line to help our customers to achieve their goal.

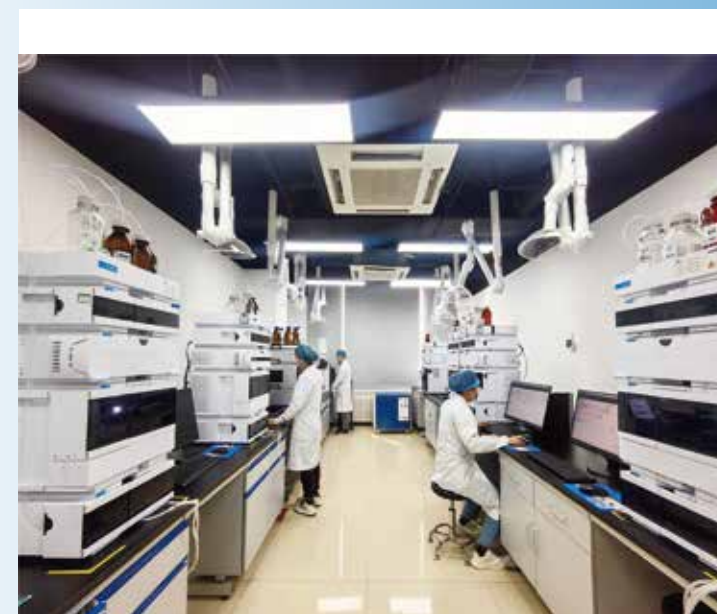
Your Trusted xRNA Material Partner



Manufacturing area



Clean area



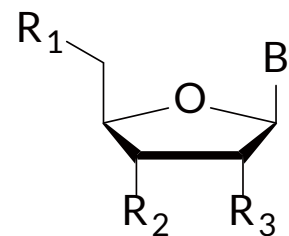
QC area



Quality certification

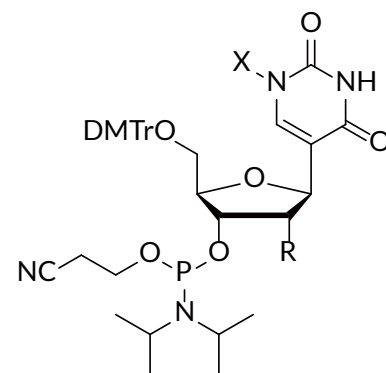
Product Series

Modified Nucleosides/Phosphoramidites



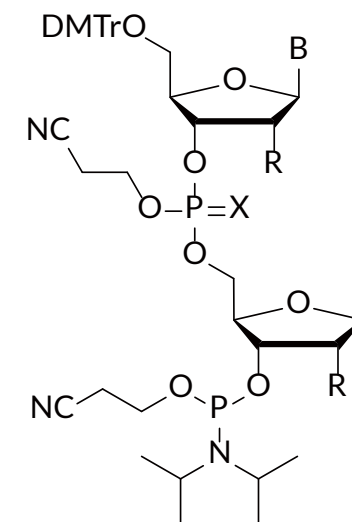
B = A/C/G/T/U
R₁/R₂/R₃ required PGs

Pseudouridine Phosphoramidites



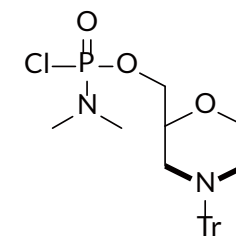
X = H/Me
R = H/OMe/OTBDMS

Dimer Phosphoramidites



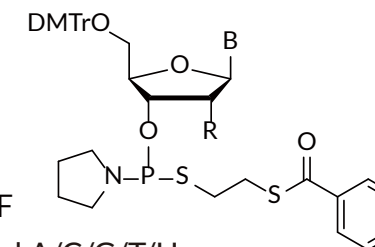
X=O/S
R = H/OMe/F
B = protected A/C/G/T/U

PMO Phosphoramidites



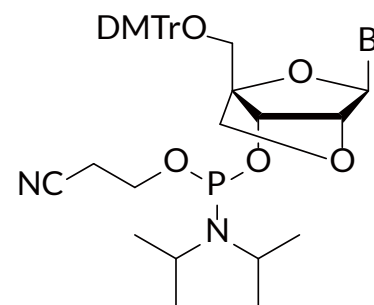
B = protected A/C/G/T/U

Thiophosphoramidites



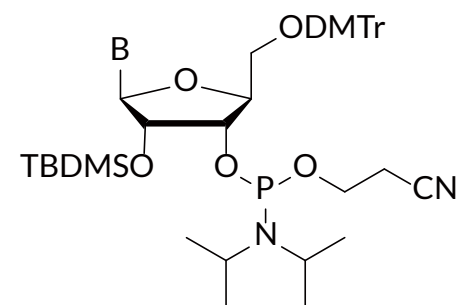
R = H/OMe/F
B = protected A/C/G/T/U

LNA Phosphoramidites



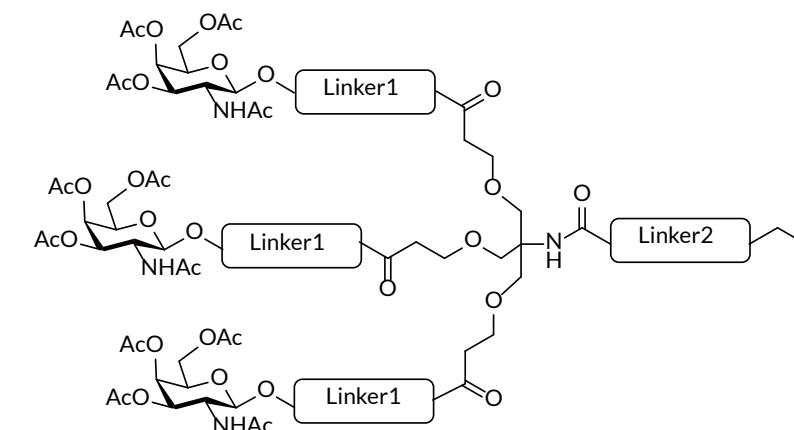
B = protected A/C/G/T/U

L-RNA Phosphoramidites



B = protected A/C/G/T/U

GalNAc



R = succinate/phosphoramidites/solid phase

2'-Fluoro Phosphoramidites

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

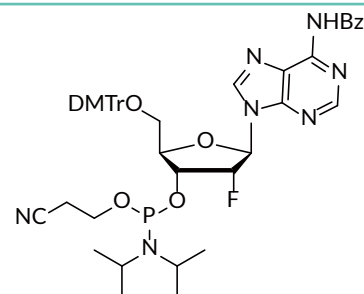
CAS No. : 136834-22-5

Catalog No. : PA-2012

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-F-dG(*i*Bu)-CE-Phosphoramidite

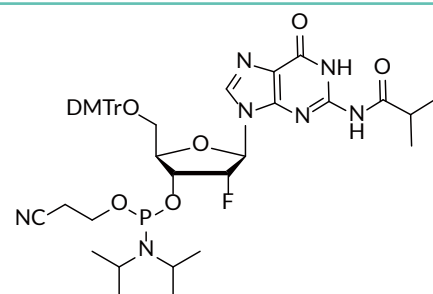
CAS No. : 144089-97-4

Catalog No. : PA-2014

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-F-dC(Ac)-CE-Phosphoramidite

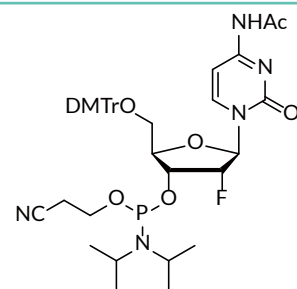
CAS No. : 159414-99-0

Catalog No. : PA-2013

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-F-dU-CE-Phosphoramidite

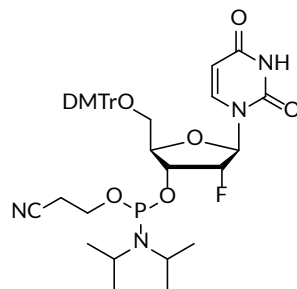
CAS No. : 146954-75-8

Catalog No. : PA-2015

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



2'-O-Methyl Phosphoramidites

DMT-2'-OMe-A(Bz)-CE-Phosphoramidite

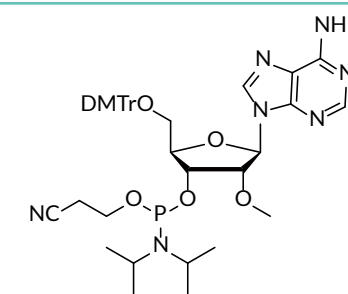
CAS No. : 110782-31-5

Catalog No. : PA-2003

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-OMe-G(*i*Bu)-CE-Phosphoramidite

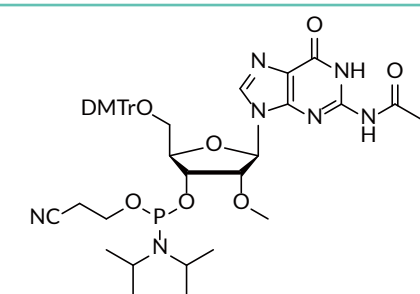
CAS No. : 150780-67-9

Catalog No. : PA-2018

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

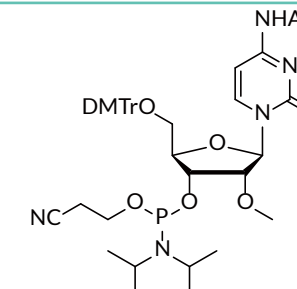
CAS No. : 199593-09-4

Catalog No. : PA-2006

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-OMe-U-CE-Phosphoramidite

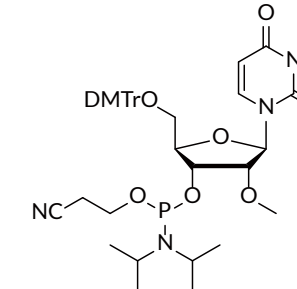
CAS No. : 110764-79-9

Catalog No. : PA-2019

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



Deoxynucleoside Phosphoramidites

DMT-dA(Bz)-CE-Phosphoramidite

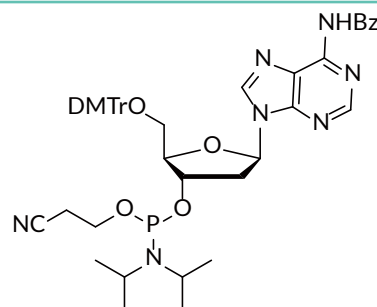
CAS No. : 98796-53-3

Catalog No. : PA-1005

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-dG(*i*Bu)-CE-Phosphoramidite

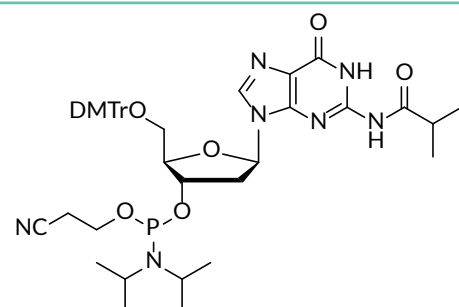
CAS No. : 93183-15-4

Catalog No. : PA-1003

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-dC(Ac)-CE-Phosphoramidite

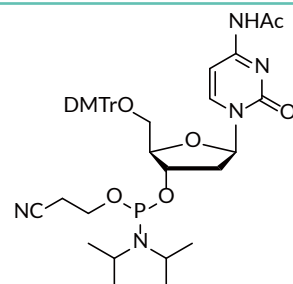
CAS No. : 154110-40-4

Catalog No. : PA-1010

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-dT-CE-Phosphoramidite

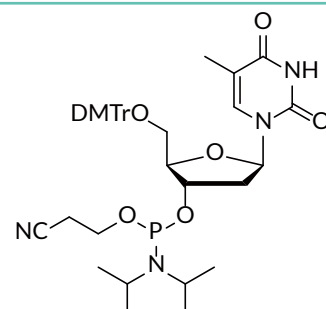
CAS No. : 98796-51-1

Catalog No. : PA-1008

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-dA(PAc)-CE-Phosphoramidite

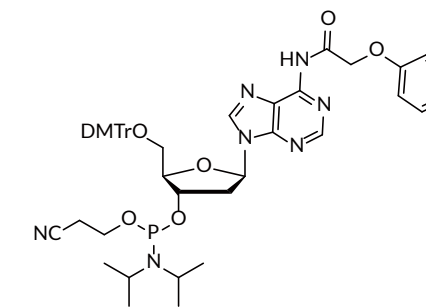
CAS No. : 110543-74-3

Catalog No. : PA-1001

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-dG(*i*Pr-PAc)-CE-Phosphoramidite

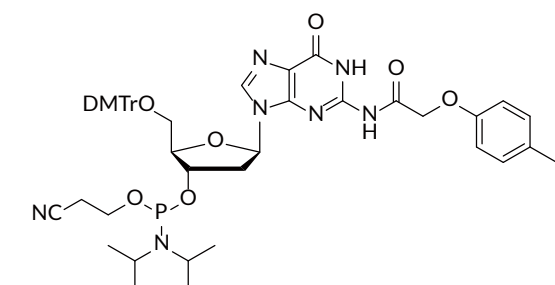
CAS No. : N/A

Catalog No. : PA-1002

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



2'-O-TBDMS Phosphoramidites

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

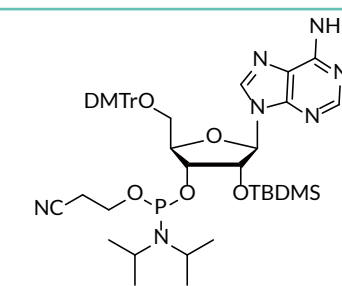
CAS No. : 104992-55-4

Catalog No. : PA-2008

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



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

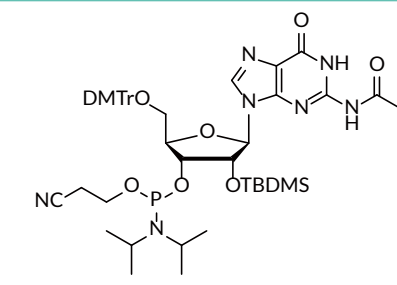
CAS No. : 147201-04-5

Catalog No. : PA-2009

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



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

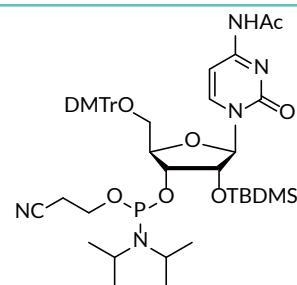
CAS No. : 121058-88-6

Catalog No. : PA-2011

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

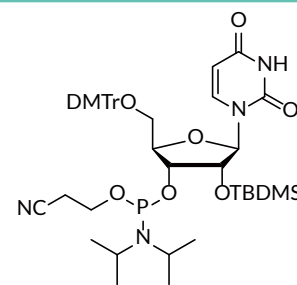
CAS No. : 118362-03-1

Catalog No. : PA-2010

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



2'-O-MOE Phosphoramidites

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

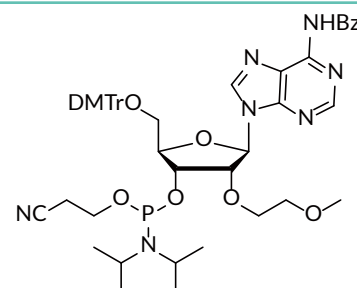
CAS No. : 251647-53-7

Catalog No. : PA-1041

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-O-MOE-G(*i*Bu)-CE-Phosphoramidite

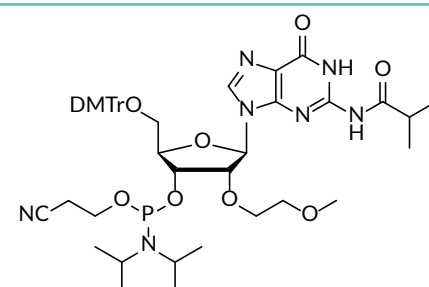
CAS No. : 251647-55-9

Catalog No. : PA-2040

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

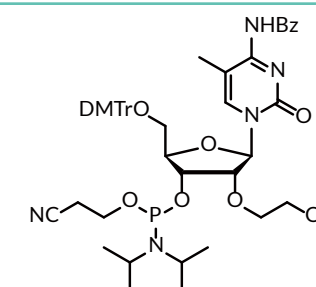
CAS No. : 163759-94-2

Catalog No. : PA-3041

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



5-Me-DMT-2'-O-MOE-U-CE-Phosphoramidite

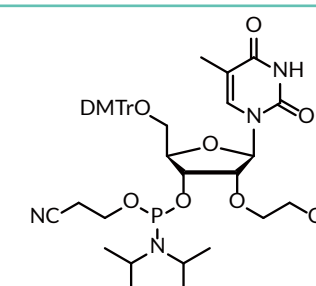
CAS No. : 163878-63-5

Catalog No. : PA-4041

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



2'-O-4'-C-Locked Phosphoramidites

DMT-2'-O-4'-C-Locked-A(Bz)-CE-Phosphoramidite

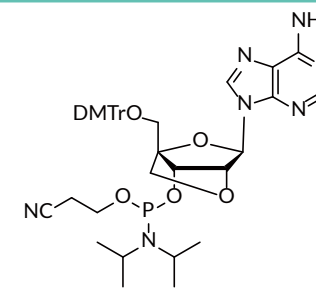
CAS No. : 206055-79-0

Catalog No. : PA-1071

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-O-4'-C-Locked-G(*i*Bu)-CE-Phosphoramidite

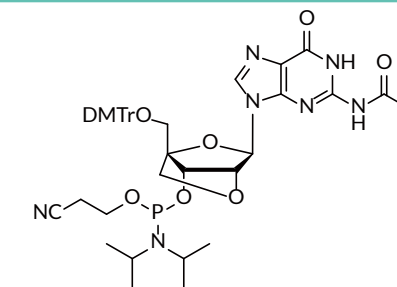
CAS No. : N/A

Catalog No. : PA-2070

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-O-4'-C-Locked-G(dmf)-CE-Phosphoramidite

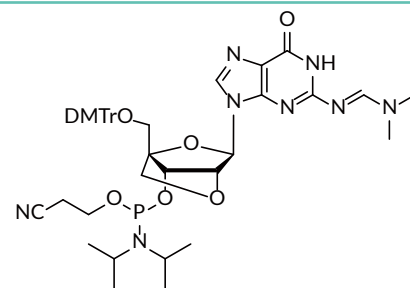
CAS No. : N/A

Catalog No. : PA-2072

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-O-4'-C-Locked-5-Me-C(Bz)-CE-Phosphoramidite

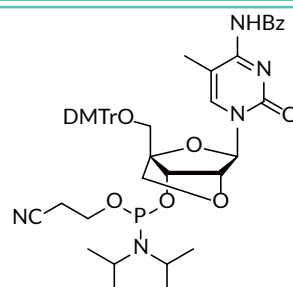
CAS No. : 206055-82-5

Catalog No. : PA-3072

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-O-4'-C-Locked-T-CE-Phosphoramidite

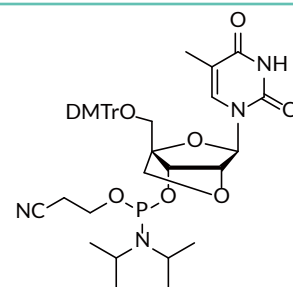
CAS No. : 206055-75-6

Catalog No. : PA-4070

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



Pseudouridine Phosphoramidite

DMT-2'-OMe-N1-methyl-Pseudouridine-CE-Phosphoramidite

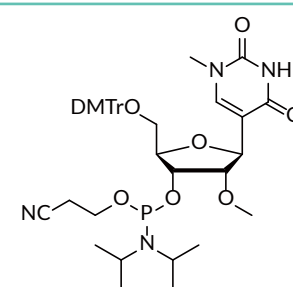
CAS No. : N/A

Catalog No. : PA-7020

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-OMe-Pseudouridine-CE-Phosphoramidite

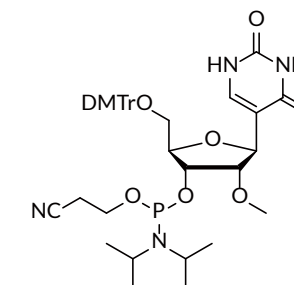
CAS No. : 199737-09-2

Catalog No. : PA-5020

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-deoxy-N1-methyl-Pseudouridine-CE-Phosphoramidite

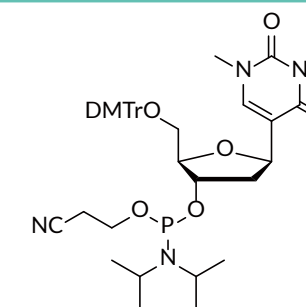
CAS No. : N/A

Catalog No. : PA-7010

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-O-TBDMS-N1-methyl-Pseudouridine-CE-Phosphoramidite

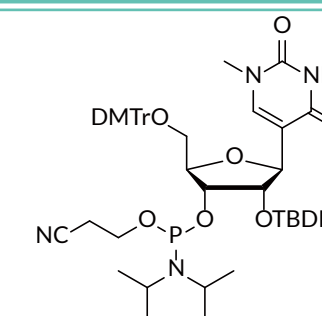
CAS No. : 875302-45-7

Catalog No. : PA-2022

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-O-TBDMS-Pseudouridine-CE-Phosphoramidite

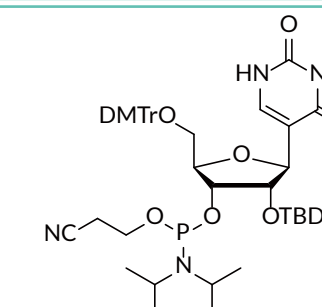
CAS No. : 163496-23-9

Catalog No. : PA-5050

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DNA-Thiophosphoramidites

DMT-2'-dA(Bz)-3'-PS-Phosphoramidite

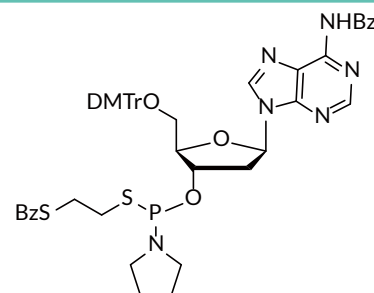
CAS No. : N/A

Catalog No. : PA-1012

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-dG(*i*Bu)-3'-PS-Phosphoramidite

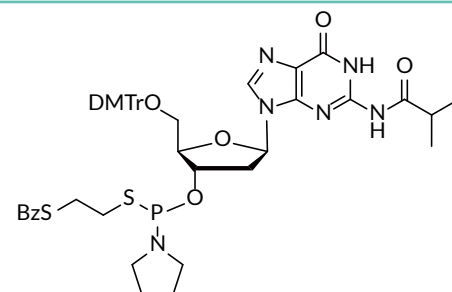
CAS No. : N/A

Catalog No. : PA-2110

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-dC(Ac)-3'-PS-Phosphoramidite

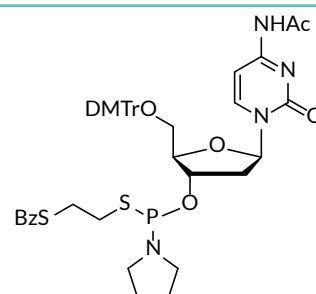
CAS No. : N/A

Catalog No. : PA-3011

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

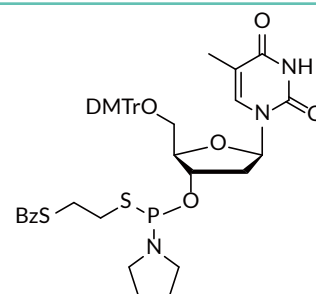
CAS No. : N/A

Catalog No. : PA-6010

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



2'-OMe-Thiophosphoramidites

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

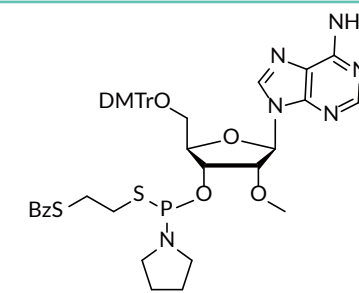
CAS No. : N/A

Catalog No. : PA-1020

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMT-2'-OMe-G(*i*Bu)-3'-PS-Phosphoramidite

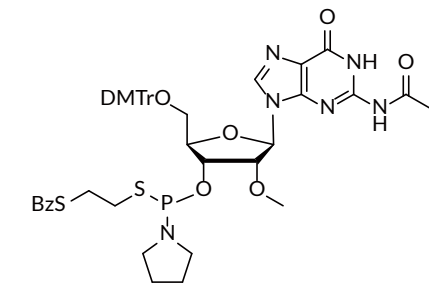
CAS No. : N/A

Catalog No. : PA-2023

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

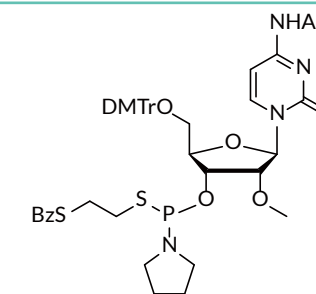
CAS No. : N/A

Catalog No. : PA-3020

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

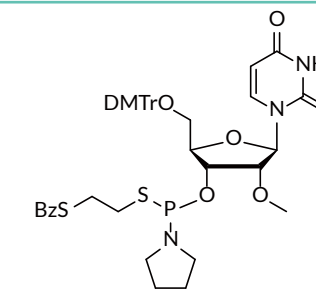
CAS No. : N/A

Catalog No. : PA-4020

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



2'-Fluoro-Thiophosphoramidites

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

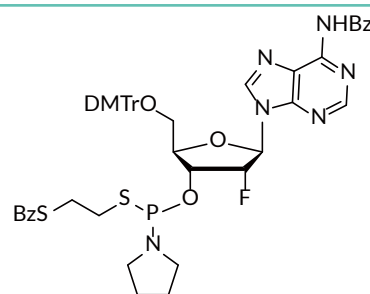
CAS No. : N/A

Catalog No. : PA-1030

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-F-dG(*i*Bu)-3'-PS-Phosphoramidite

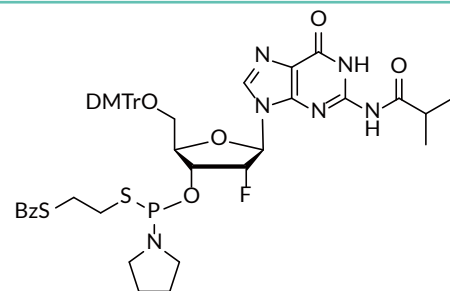
CAS No. : N/A

Catalog No. : PA-2030

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



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

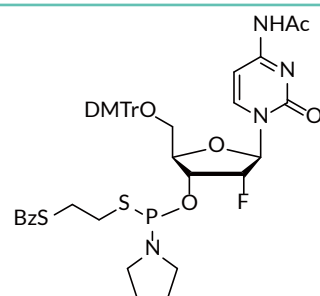
CAS No. : N/A

Catalog No. : PA-3030

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



DMT-2'-F-dU-3'-PS-Phosphoramidite

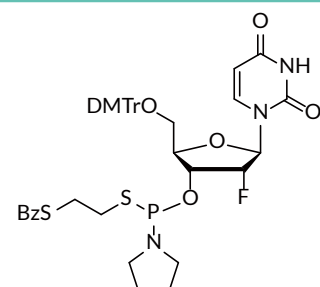
CAS No. : N/A

Catalog No. : PA-4030

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



2'-OMe-Reverse Phosphoramidites

3'-DMT-2'-OMe-A(Bz)-CE Reverse Phosphoramidite

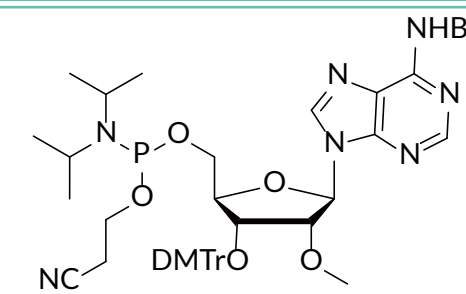
CAS No. : N/A

Catalog No. : PA-1021

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



3'-DMT-2'-OMe-G(*i*Bu)-CE Reverse Phosphoramidite

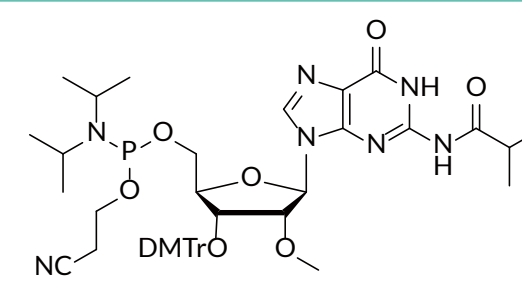
CAS No. : N/A

Catalog No. : PA-2024

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



3'-DMT-2'-OMe-C(Ac)-CE Reverse Phosphoramidite

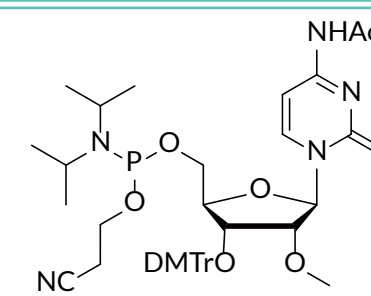
CAS No. : N/A

Catalog No. : PA-3021

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



3'-DMT-2'-OMe-U-CE Reverse Phosphoramidite

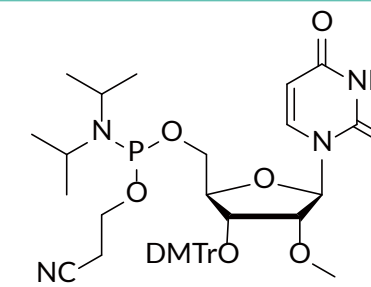
CAS No. : N/A

Catalog No. : PA-4021

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



2'-F-Reverse Phosphoramidites

3'-DMT-2'-F-dA(Bz)-CE Reverse Phosphoramidite

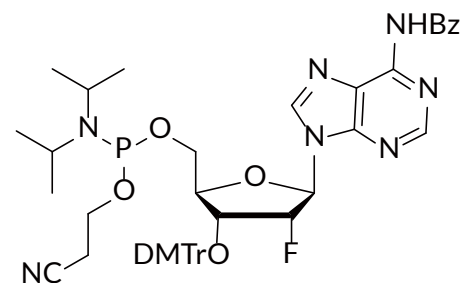
CAS No. : N/A

Catalog No. : PA-1031

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



3'-DMT-2'-F-dG(*i*Bu)-CE Reverse Phosphoramidite

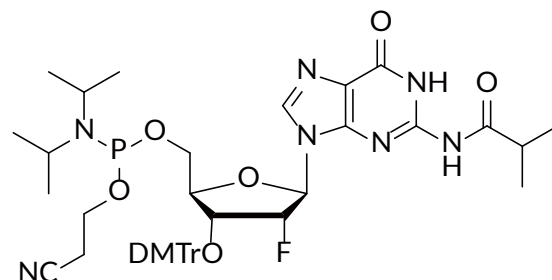
CAS No. : N/A

Catalog No. : PA-2031

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



3'-DMT-2'-F-dC(Ac)-CE Reverse Phosphoramidite

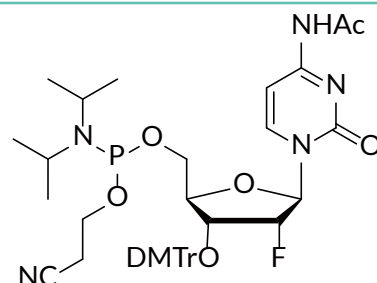
CAS No. : N/A

Catalog No. : PA-3031

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



3'-DMT-2'-F-dU-CE Reverse Phosphoramidite

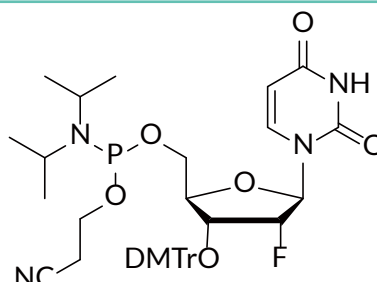
CAS No. : N/A

Catalog No. : PA-4031

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



L-RNA Phosphoramidites

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

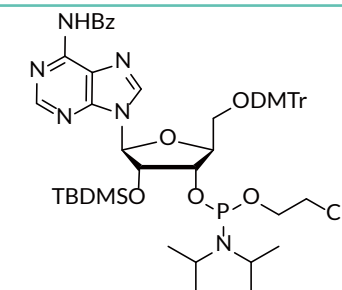
CAS No. : N/A

Catalog No. : PA-4063

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMTr-2'-O-TBDMS-L-G(*i*Bu)-3'-CE-Phosphoramidite

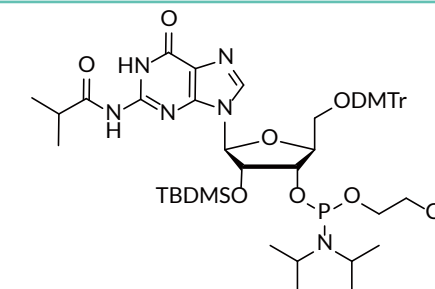
CAS No. : N/A

Catalog No. : PA-4061

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



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

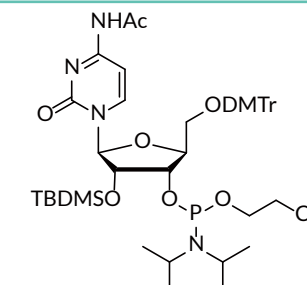
CAS No. : N/A

Catalog No. : PA-4062

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



DMTr-2'-O-TBDMS-L-U-3'-CE-Phosphoramidite

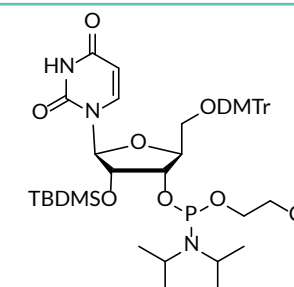
CAS No. : N/A

Catalog No. : PA-4060

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



GNA Phosphoramidites

N6-Bz-A(S)-GNA Phosphoramidite

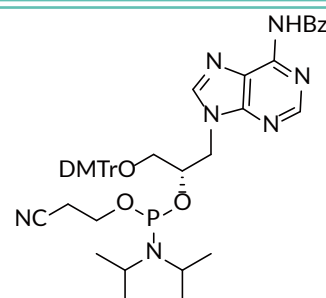
CAS No. : 851050-24-3

Catalog No. : PA-1091

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



N2-*i*Bu-G(S)-GNA Phosphoramidite

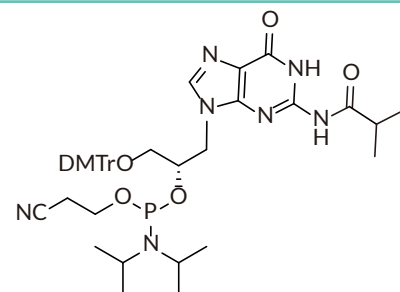
CAS No. : 182625-68-9

Catalog No. : PA-2091

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



N4-Ac-C(S)-GNA Phosphoramidite

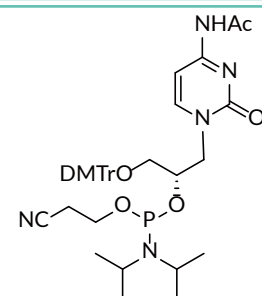
CAS No. : 1159174-80-7

Catalog No. : PA-3091

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



T(S)-GNA Phosphoramidite

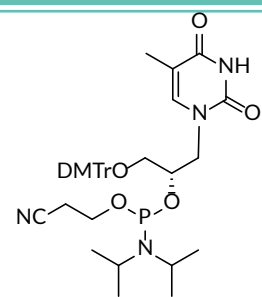
CAS No. : 168332-13-6

Catalog No. : PA-6090

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



UNA Phosphoramidites

UNA-A(Bz)-CE Phosphoramidite

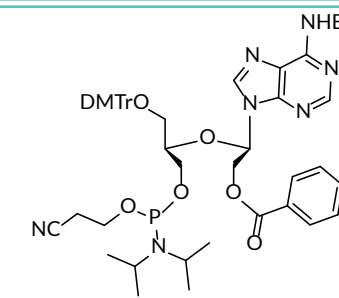
CAS No. : 1120329-52-3

Catalog No. : PA-1100

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



UNA-G(*i*Bu)-CE Phosphoramidite

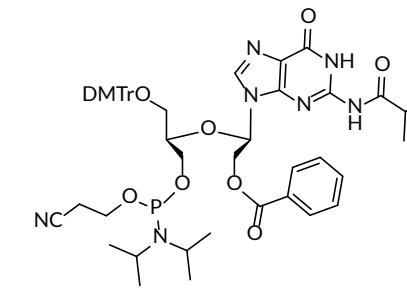
CAS No. : 1120329-61-4

Catalog No. : PA-2100

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



UNA-C(Ac)-CE Phosphoramidite

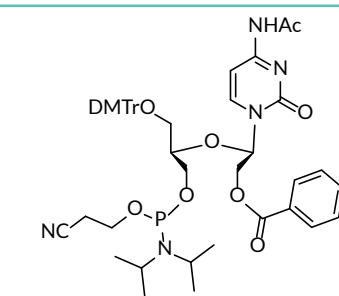
CAS No. : 1120329-56-7

Catalog No. : PA-3100

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



UNA-U-CE Phosphoramidite

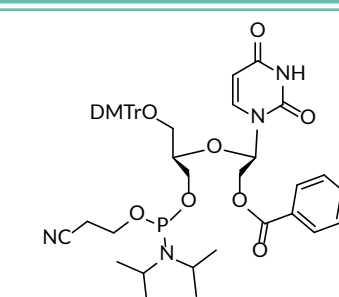
CAS No. : 1120329-48-7

Catalog No. : PA-4100

Purity (HPLC) : ≥98%

Purity (³¹P NMR) : ≥98%

Water Content : ≤0.2%



Morpholino Products

Morpholino A subunit

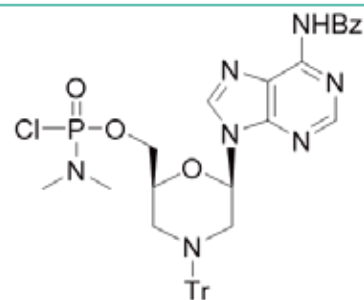
CAS No. : 956139-18-7

Catalog No. : PA-1080

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



Morpholino G(PhAc) subunit

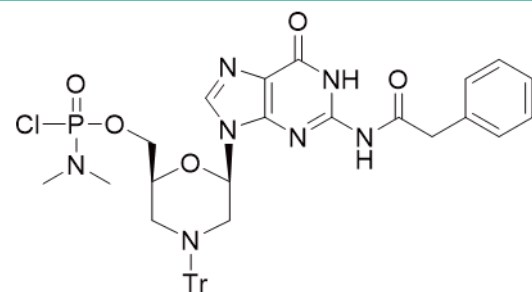
CAS No. : N/A

Catalog No. : PA-2080

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



Morpholino C subunit

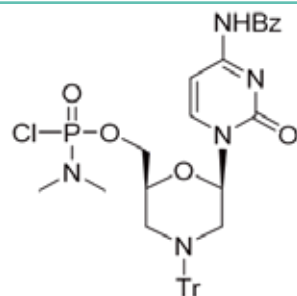
CAS No. : 956139-21-2

Catalog No. : PA-3080

Purity (HPLC) : $\geq 98\%$

Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$



Morpholino T subunit

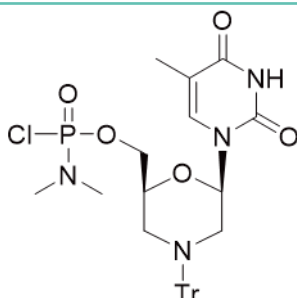
CAS No. : 956139-30-3

Catalog No. : PA-6080

Purity (HPLC) : $\geq 98\%$

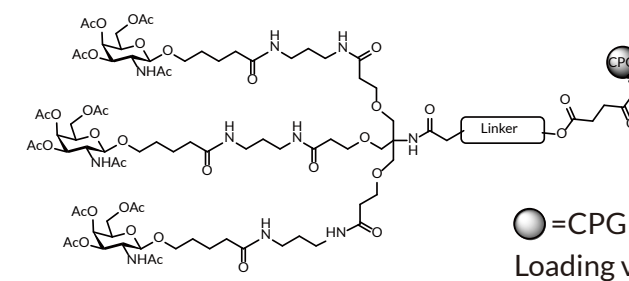
Purity (^{31}P NMR) : $\geq 98\%$

Water Content : $\leq 0.2\%$

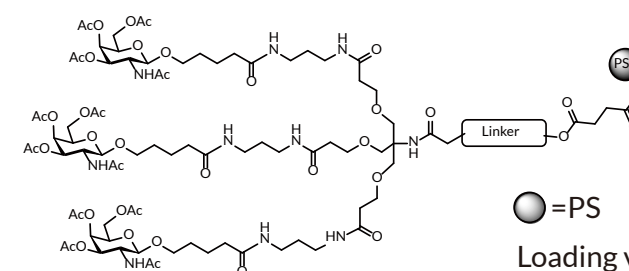


GalNAc Derivatives

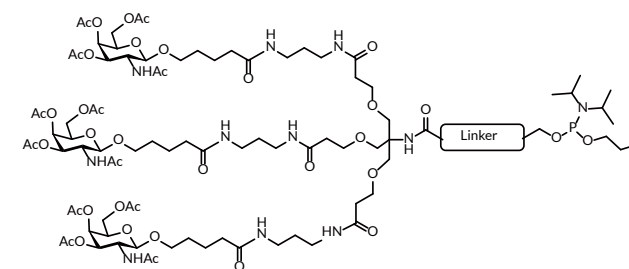
GalNAc-CPG



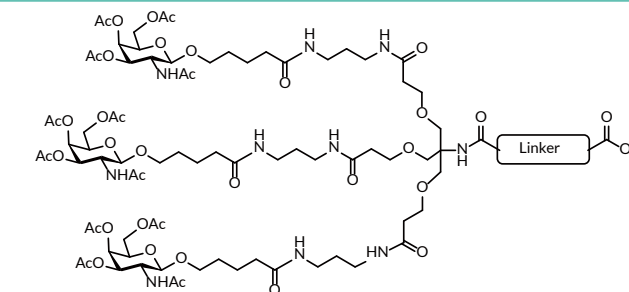
GalNAc-PS



GalNAc-Phosphoramidites



GalNAc-Succinate



For more structures, please contact us.