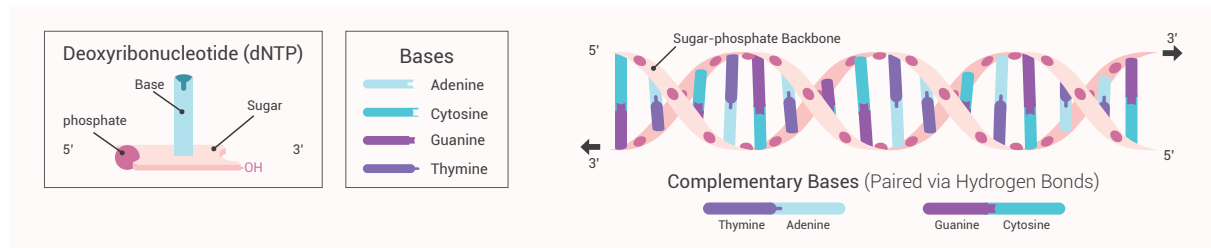


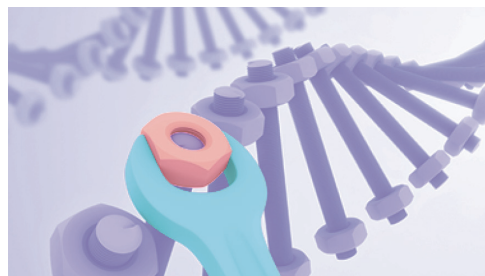
# MCE Gene Sequencing and Synthesis Products

MCE dNTPs, ddNTPs and modified nucleotides have been extensively tested and verified for use in a wide variety of molecular biology applications, including PCR, DNA sequencing, DNA synthesis et al. MCE not only offers dNTP sets of dATP, dCTP, dGTP and dTTP in individual tubes, but also premade mixes of these combinations with the advantage of reduced work load and decreased pipetting error risks for researchers. All products have high purity (>97%) according to HPLC.



## DNA synthesis —

DNA is a polymer made up of four different nucleotide monomers. Gene synthesis and DNA assembly methods are in effect a form of hierarchical polymer synthesis. For synthetic DNA, individual phosphoramidite monomers are combined together to create individual oligonucleotides. MCE has a variety of high purity dNTPs, modified nucleotides for DNA synthesis.

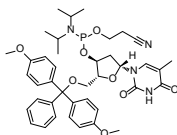


### HY-W013068

#### 5'-DMT-dT phosphoramidite

CAS No. : 98796-51-1

Purity: 97% min

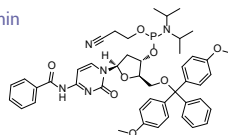


### HY-W008849

#### 5'-DMT-Bz-dC phosphoramidite

CAS No. : 98796-51-1

Purity: 97% min

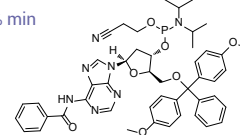


### HY-W013059

#### 5'-DMT-Bz-dA phosphoramidite

CAS No. : 98796-51-1

Purity: 97% min

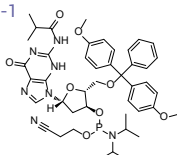


### HY-W008848

#### 5'-DMT-2'-dG (N-iBu)-phosphoramidite

CAS No. : 98796-51-1

Purity: 97% min

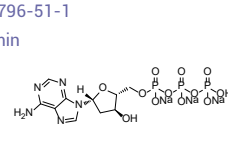


### HY-136648A

#### dATP trisodium salt

CAS No. : 98796-51-1

Purity: 99% min

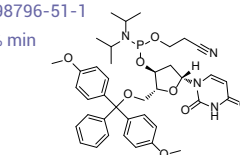


### HY-132136

#### 5'-O-DMT-dU-CE Phosphoramidite

CAS No. : 98796-51-1

Purity: 98% min



MedChemExpress USA

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Fax: 609-228-5909

Tech Support: tech@MedChemExpress.com



## DNA sequencing —

DNA sequencing is the process of determining the nucleic acid sequence – the order of nucleotides in DNA. It includes any method or technology that is used to determine the order of the four bases: adenine, guanine, cytosine, and thymine. MCE has a variety of high purity ddNTPs, modified nucleotides for DNA sequencing.

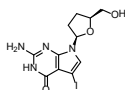


HY-W048479

7-Iodo-2', 3'-Dideoxy-7-Deaza-Guanosine

CAS No. : 98796-51-1

Purity: 97% min

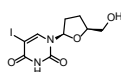


HY-W048476

2', 3'-dideoxy-5-iodo-Uridine

CAS No. : 98796-51-1

Purity: 97% min

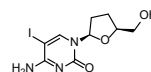


HY-W048478

2', 3'-dideoxy-5-iodo-Cytidine

CAS No. : 98796-51-1

Purity: 97% min

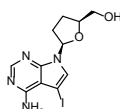


HY-W048480

7-Iodo-2', 3'-Dideoxy-7-Deaza-Adenosine

CAS No. : 98796-51-1

Purity: 97% min

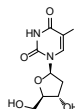


HY-B0307

5-Iodo-2'-deoxyuridine

CAS No. : 98796-51-1

Purity: 97% min

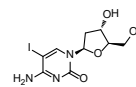


HY-W011138

5-Iodo-2'-deoxycytidine

CAS No. : 98796-51-1

Purity: 97% min

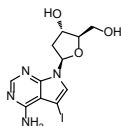


HY-W048490

7-Deaza-7-Iodo-2'-deoxyadenosine

CAS No. : 98796-51-1

Purity: 97% min

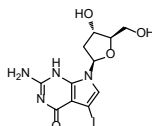


HY-W048492

7-Deaza-7-Iodo-2'-deoxyGuanosine

CAS No. : 98796-51-1

Purity: 97% min

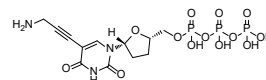


HY-132145

5-Propargylamino-ddUTP

CAS No. : 98796-51-1

Purity: 98% min

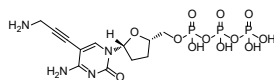


HY-132146

5-Propargylamino-ddCTP

CAS No. : 98796-51-1

Purity: 98% min

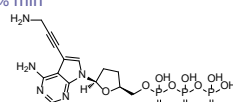


HY-132147

7-Deaza-7-Propargylamino-ddATP

CAS No. : 98796-51-1

Purity: 98% min



HY-132148

7-Deaza-7-Propargylamino-ddGTP

CAS No. : 98796-51-1

Purity: 98% min

