

Thermo Scientific Modifying Phosphoramidites



For high quality oligonucleotide synthesis from bench to commercial scale

Thermo Fisher Scientific offers Modifying Phosphoramidites for 5'- or internal modification of oligonucleotides during synthesis.

• Amino Modifiers

Amino modifications introduce a primary amine into the oligonucleotide for the attachment of a fluorescent label or tag or to provide a site for attaching the oligonucleotide to a surface.

Offered with both 5'-MMT or 5'-TFA protection. The MMT group can be removed from the oligonucleotide during synthesis or left in place for trityl-on purification strategies. The base labile TFA group is removed during standard deprotection procedures.

• Phosphorylation

Phosphorylated oligonucleotides have increased stability and can be used in ligation applications.

Incorporation of a phosphate group to the 5'- or 3'- position of an oligonucleotide can be achieved using Phosphorylating phosphoramidite.

• Custom Services

Special modifiers can be custom manufactured for customer specific applications.

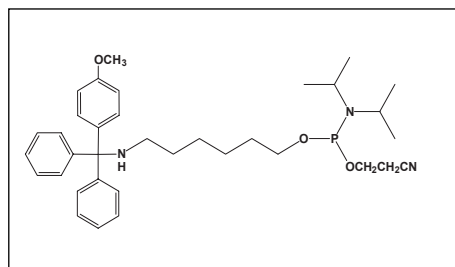
• Consistent Quality

Manufactured in an ISO9001 registered facility

Thoroughly documented processes provide consistent product quality with minimal batch to batch variability.

• Over 20 Years Experience

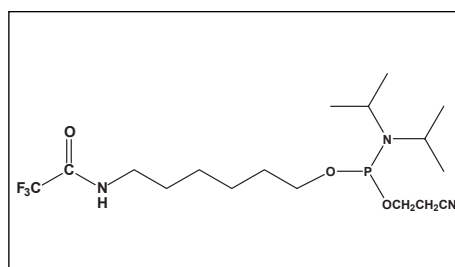
Manufacturing high quality phosphoramidites and oligonucleotide synthesis reagents for 20+ years



5'-Amino-hexyl Linker Phosphoramidite

27-0035

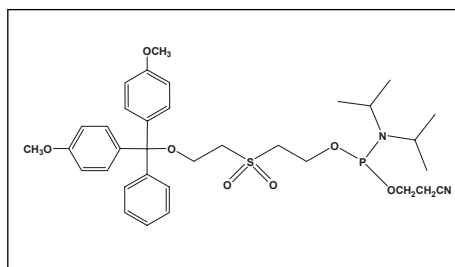
Formula Weight: 590



TFA-Amino Linker Phosphoramidite

27-1792

Formula Weight: 413



Phosphorylating Phosphoramidite

27-1794

Formula Weight: 657

Product Specifications

5'-Aminoethyl Linker Phosphoramidite	HPLC Purity	≥ 97.0%
TFA-Amino Linker Phosphoramidite	NMR Purity	≥ 90%
Phosphorylating Phosphoramidite	HPLC Purity	≥ 93.0%

Ordering Information

Product Name	Product #
5'-Aminoethyl Linker Phosphoramidite	27-0035
TFA-Amino Linker Phosphoramidite	27-1792
Phosphorylating Phosphoramidite	27-1794

Related Products

- Thermo Scientific TheraPure® DNA Phosphoramidites
- Thermo Scientific DNA Phosphoramidites
- Thermo Scientific TheraPure® RNA Phosphoramidites
- Thermo Scientific RNA Phosphoramidites
- Thermo Scientific DyLight™ NHS Esters

For more information visit the web site at www.thermo.com/milwaukee

Thermo Fisher Scientific (Milwaukee) LLC

We develop integrative partnerships with customers across the globe to provide premium molecular biology reagents and innovative services. These products are used in a variety of applications to advance the development of biotechnology research, diagnostic and therapeutic applications.

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