

Thermo Scientific RNA 2'-TBDMS, 2'-OMe & 2'-F Phosphoramidites



For high quality oligonucleotide synthesis from bench to commercial scale

Thermo Scientific RNA phosphoramidites ensure a high level of quality and reliability for RNA oligonucleotide synthesis.

Our phosphoramidites are manufactured to an exacting standard to reduce levels of critical impurities.

- **Consistent Quality**

Manufactured in ISO9001 registered facility

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

- **Dependable Supply**

Pack sizes to fit most commercially available synthesizers are ready for immediate delivery

- **Customer Service**

Dedicated customer service representative is assigned to your account to provide direct, personalized service

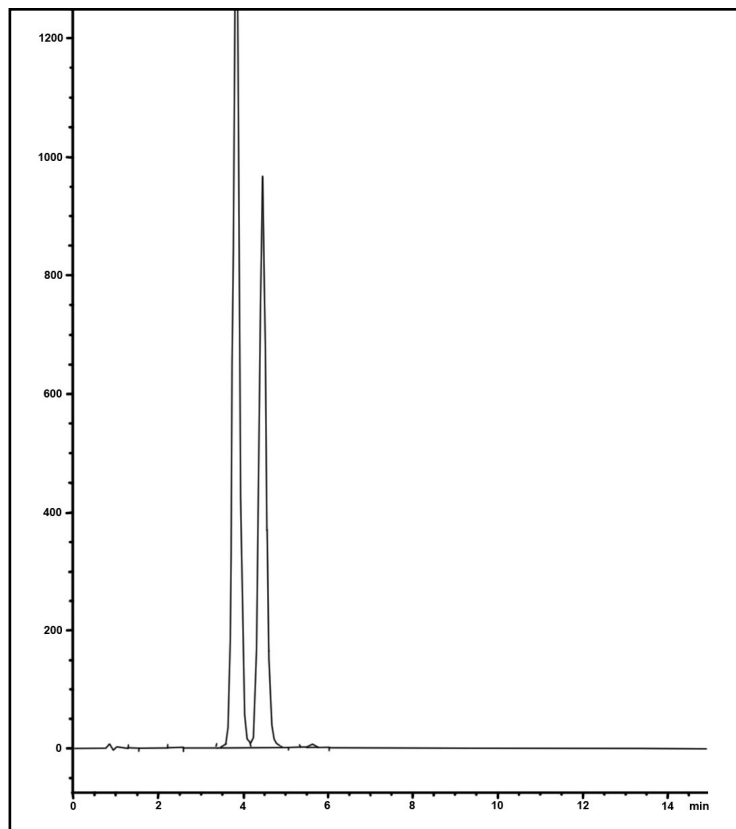
Custom and bulk packaging is available

- **Low Critical Impurities**

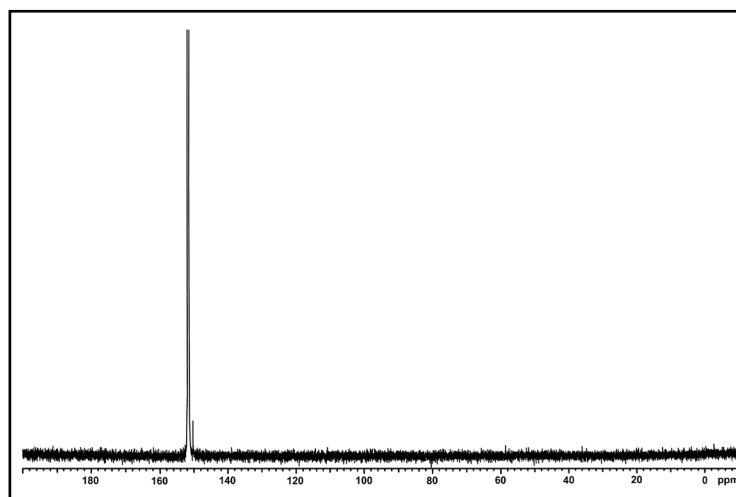
Sum of non-primary peaks at 140-152 ppm \leq 0.5 mol % in ^{31}P NMR

- **Available in standard or fast base deprotection options**

Thermo Fisher Scientific (Milwaukee) LLC is a licensed supplier of PAC protected phosphoramidites and 2'-OMe phosphoramidites.



Typical HPLC profile for RNA phosphoramidites



Typical NMR profile for RNA phosphoramidites

Product Specifications

2'-OMe Ac C Phosphoramidite	³¹ P NMR Purity	Sum of non-primary peaks at 140-152 ppm ≤ 0.5 mol %
2'-OMe Bz A Phosphoramidite		
2'-OMe iBu G Phosphoramidite	HPLC Purity	≥ 98.0%
2'-OMe U Phosphoramidite	³¹ P NMR Purity	≥ 98.0%
Bz rA Phosphoramidite		
rU Phosphoramidite		
Ac rC Phosphoramidite		
iBu rG Phosphoramidite		
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2'-OMe iPrPAC G Phosphoramidite	HPLC Purity	≥ 98.0%
2'-OMe PAC A Phosphoramidite	³¹ P NMR Purity	≥ 98.0%
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2'-Fluoro Ac C Phosphoramidite	HPLC Purity	≥ 95.0%
2'-Fluoro U Phosphoramidite	³¹ P NMR Purity	≥ 95.0%

Ordering Information

Product Name	Product #
Bz rA Phosphoramidite	27-1403
rU Phosphoramidite	27-1404
Ac rC Phosphoramidite	27-1405
iBu rG Phosphoramidite	27-1406
2'-OMe PAC A Phosphoramidite	27-1822
2'-OMe Bz A Phosphoramidite	27-1842
2'-OMe Ac C Phosphoramidite	27-1823
2'-OMe U Phosphoramidite	27-1825
2'-OMe iPrPAC G Phosphoramidite	27-1826
2'-OMe iBu G Phosphoramidite	27-1846
2'-Fluoro Ac C Phosphoramidite	27-1604
2'-Fluoro U Phosphoramidite	27-1602

Related Products

Thermo Scientific TheraPure® DNA Phosphoramidites
 Thermo Scientific DNA Phosphoramidites
 Thermo Scientific TheraPure® RNA Phosphoramidites
 Thermo Scientific DyLight™ Phosphoramidites
 Thermo Scientific RNA CPG Synthesis Supports

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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