

TheraPure phosphoramidites: the ongoing pursuit of excellence

Discover the value of Thermo Scientific™ TheraPure™ phosphoramidites

- Designed for oligonucleotide manufacturers requiring **highly defined impurity profiles** and **strictly controlled processes**
- Manufactured with **expertise** in protection chemistries, modifications, manufacturing scale-up, and innovative purification strategies
- Produced in our state-of-the-art Milwaukee, Wisconsin facility, with an **ISO 9001:2015–certified** quality management system



World-class manufacturing

- Expanded manufacturing capacity with metric-ton capability
- Regionally diverse supply chain
- Phosphoramidites available in bulk packaging



Customer-focused technologies

- Nucleic acid chemistry and custom chemistry expertise for co-innovation and custom development projects
- State-of-the-art manufacturing facility
- Sustainability program to optimize processes and reduce waste



Dedicated customer service

- <48-hour* response to orders
- >98%* delivery to customer at promised date
- Standard synthesizer packaging and custom packaging options available, ready for prompt delivery



Continually improved quality system with extensive testing

- ISO 9001–compliant quality management system refined over decades of partnership with our customers
- Impurity profiling, control of critical impurities, and traceability for materials of origin
- High-quality TheraPure phosphoramidite offerings



Analytical capabilities

- Analytical method development
- Method verification/validation
- Test method transfer
- Stability studies

* May not be applicable in all regions.

Ordering information

Product	Cat. No.
TheraPure DNA phosphoramidites	
TheraPure dA β -Cyanoethyl Phosphoramidite	27-2030
TheraPure dC β -Cyanoethyl Phosphoramidite	27-2032
TheraPure dG β -Cyanoethyl Phosphoramidite	27-2034
TheraPure DMF-dG Phosphoramidite	27-1737
TheraPure dT β -Cyanoethyl Phosphoramidite	27-2036
TheraPure RNA phosphoramidites	
TheraPure Bz-rA Phosphoramidite	27-1903
TheraPure Ac-rC Phosphoramidite	27-1805
TheraPure iBu-rG Phosphoramidite	27-1906
TheraPure rU Phosphoramidite	27-1804
TheraPure 2'-OMe phosphoramidites	
TheraPure 2'-OMe-Bz-A Phosphoramidite	27-2042
TheraPure 2'-OMe-Ac-C Phosphoramidite	27-2043
TheraPure 2'-OMe-iBu-G Phosphoramidite	27-2046
TheraPure 2'-OMe-U Phosphoramidite	27-2044
TheraPure 2'-MOE phosphoramidites	
TheraPure 2'-MOE-A Phosphoramidite	27-1019
TheraPure 2'-MOE-5mC Phosphoramidite	27-1020
TheraPure 2'-MOE-G Phosphoramidite	27-1022
TheraPure 2'-MOE-T Phosphoramidite	27-1021
TheraPure 2'-fluoro phosphoramidites	
TheraPure 2'-Fluoro-Bz-A Phosphoramidite	27-1601
TheraPure 2'-Fluoro-Acetyl-C Phosphoramidite	27-1604
TheraPure 2'-Fluoro-iBu-G Phosphoramidite	27-1607
TheraPure 2'-Fluoro-U Phosphoramidite	27-1602
Fast deprotect DNA phosphoramidites	
PAC-dA Phosphoramidite	27-1723
iPrPAC-dG Phosphoramidite	27-1726
iBu-dC Phosphoramidite	27-1725
Ac-dC Phosphoramidite	29-1727
TheraPure DMF-dG Phosphoramidite	27-1737
Structural phosphoramidites	
dU Phosphoramidite	27-1738
dI Phosphoramidite	27-1744
N6-Me-dA Phosphoramidite	27-1746
5-Me-dC Phosphoramidite	27-1748
N4-Ethyl-dC Phosphoramidite	27-1743

Product	Cat. No.
TheraPure locked nucleic acids	
TheraPure Locked Nucleic Acid A (Bz) Phosphoramidite	27-1340
TheraPure Locked Nucleic Acid 5-Me-C (Bz) Phosphoramidite	27-1348
TheraPure Locked Nucleic Acid G (DMF) Phosphoramidite	27-1347
TheraPure Locked Nucleic Acid T Phosphoramidite	27-1346
Standard DNA phosphoramidites	
dA β -Cyanoethyl Phosphoramidite	27-1730
dC β -Cyanoethyl Phosphoramidite	27-1732
dG β -Cyanoethyl Phosphoramidite	27-1734
T β -Cyanoethyl Phosphoramidite	27-1736
Standard RNA phosphoramidites	
Bz-rA Phosphoramidite	27-1403
Ac-rC Phosphoramidite	27-1405
iBu-rG Phosphoramidite	27-1406
rU Phosphoramidite	27-1404
Standard 2'-OMe phosphoramidites	
2'-OMe-PAC-A Phosphoramidite	27-1822
2'-OMe-iPrPAC-G Phosphoramidite	27-1826
2'-OMe-Bz-A β -Cyanoethyl Phosphoramidite	27-1842
2'-OMe-Ac-C β -Cyanoethyl Phosphoramidite	27-1823
2'-OMe-iBu-G β -Cyanoethyl Phosphoramidite	27-1846
2'-OMe-U β -Cyanoethyl Phosphoramidite	27-1825
Thermo Scientific™ DyLight™ dye-labeled phosphoramidites	
DyLight DY547 Phosphoramidite	SY6332
DyLight DY647 Phosphoramidite	SY6334
DyLight DY677 Phosphoramidite	SY6336
Linkers/spacers/5'-modifier phosphoramidites	
5'-Aminohexyl Linker Phosphoramidite	27-0035
TFA Amino Linker Phosphoramidite	27-1792
Phosphorylating Phosphoramidite	27-1794
Reverse Abasic Phosphoramidite	27-1998



Learn more at thermofisher.com/amidites

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