

Extensive Capabilities in Bulk Production of Natural & Modified RNA phosphoramidites

- **Unparalleled Quality of our Phosphoramidites.**
- **Seven different Quality Controls** are performed on each amidite before batch release.
- **Makes them highly suitable for Large Scale Therapeutic grade RNA's, siRNA's, Aptamers, etc.**
- **Large scale batch production can be taken up with full quality control and batch record documentation for GMP production.**
- **Bulk Production from 100gm to kilogram scale batches.**

Rigorous Quality Control Guidelines & Extensive Expertise allows us to Produce Nucleosides and Amidites of Highest Achievable Purity

Natural & Key Modified RNA Phosphoramidites

2'- tBDSilyl Phosphoramidites

- Standard Base protecting groups
- Mild Base protecting groups
- Ultra Mild Base protecting groups

5- Methyl-Uridine-2'- tBDSilyl Phosphoramidites

5- Methyl-Cytidine-2'- tBDSilyl Phosphoramidites

Inosine-2'- tBDSilyl Phosphoramidites

Reverse & Abasic Phosphoramidites & Supports

Key 2'- OMethyl ribonucleoside Phosphoramidites

Bases include A, C, G, U, 5-methyl-Uridine, 5-methylcytidine & Inosine

- Standard Base Protecting groups
- Mild Base protecting groups
- Ultra Mild Base protecting groups

PEG Phosphoramidites

- PEG – 2000
- PEG- 4500

2'- Fluoro-2'- deoxy nucleoside Phosphoramidites

Milder deprotecting group – n-acetyl-G-2'- Fluoro G & acetyl C-2'- Fluoro Cytidine are available to effect Mild cleavage of Chimera containing 2'- Fluoro oligonucleotides

- *** Typical purity greater than 99% by 31 P NMR & HPLC. Purity greater than 98% and Correct Mass by ESI/MS.
- *** Coupling Efficiency consistently greater than 98% per step & guaranteed to produce High Quality Oligonucleotides.
- *** Expert Technical Support available.

Other Key Modified deoxy and ribo nucleosides

- L-deoxy nucleoside phosphoramidites (L-dA, L-dC, L-dG & LdT)
- L-ribo nucleoside phosphoramidites (L-rA, L-rC, L-rG & L-rU)
See our special prices for small quantities for Modified Beacons & Microarray platforms.
- 7- Deaza-deoxy A and G phosphoramidite
- 7- Deaza-ribo A and G phosphoramidites

Linker and Ligand Phosphoramidites

- Cholesterol TEG phosphoramidite
- Hexaethyloxy glycol phosphoramidite
- Polyethyloxyglycol phosphoramidites (PEG 2000 & PEG 4500)
- C-6 Disulfide Modifier Phosphoramidite
- C-6 Amino linker Phosphoramidite
- C-6, C-9 & C-12 Diol Phosphoramidites
- Carboxyl Linker
- Symmetrical & Asymmetrical Branching
- Phosphate-ON
- Psoralene Phosphoramidites
- 6-FAM Fluorescein
- Biotin BB Phosphoramidite
- Amino-dT Phosphoramidite

Recent Additions

8-methyl- deoxy Guanosine and ribo Guanosine phosphoramidites

5-Formyl Uridine

Ara A,C,G,U phosphoramidites

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