

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.**
- **Highly suitable for Large Scale Therapeutic grade RNAs, siRNAs, Aptamers, etc.**
- **Large scale batch production with full quality control and batch record documentation for GMP production.**
- **Bulk Production from 100gm to Multi-kilogram.**

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

Natural & Key Modified RNA Phosphoramidites

2'-TBDMS Phosphoramidites

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

5-Methyl-Uridine-2'-TBDMS Phosphoramidites

5-Methyl-Cytidine-2'-TBDMS Phosphoramidites

Inosine-2'-TBDMS Phosphoramidites

Reverse Abasic & Abasic Phosphoramidites

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

Mild deprotecting groups: 2'-Fluoro-n-acetyl-Guanosine & 2'-Fluoro-n-acetyl-Cytidine are available to effect 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.

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 phosphoramidites
- 7-Deaza-ribo A and G phosphoramidites

Linker and Ligand Phosphoramidites

- Cholesterol TEG phosphoramidite
- Hexaethyloxy glycol phosphoramidite
- Polyethyleneglycol 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
- Psoralen 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

www.chemgenes.com

