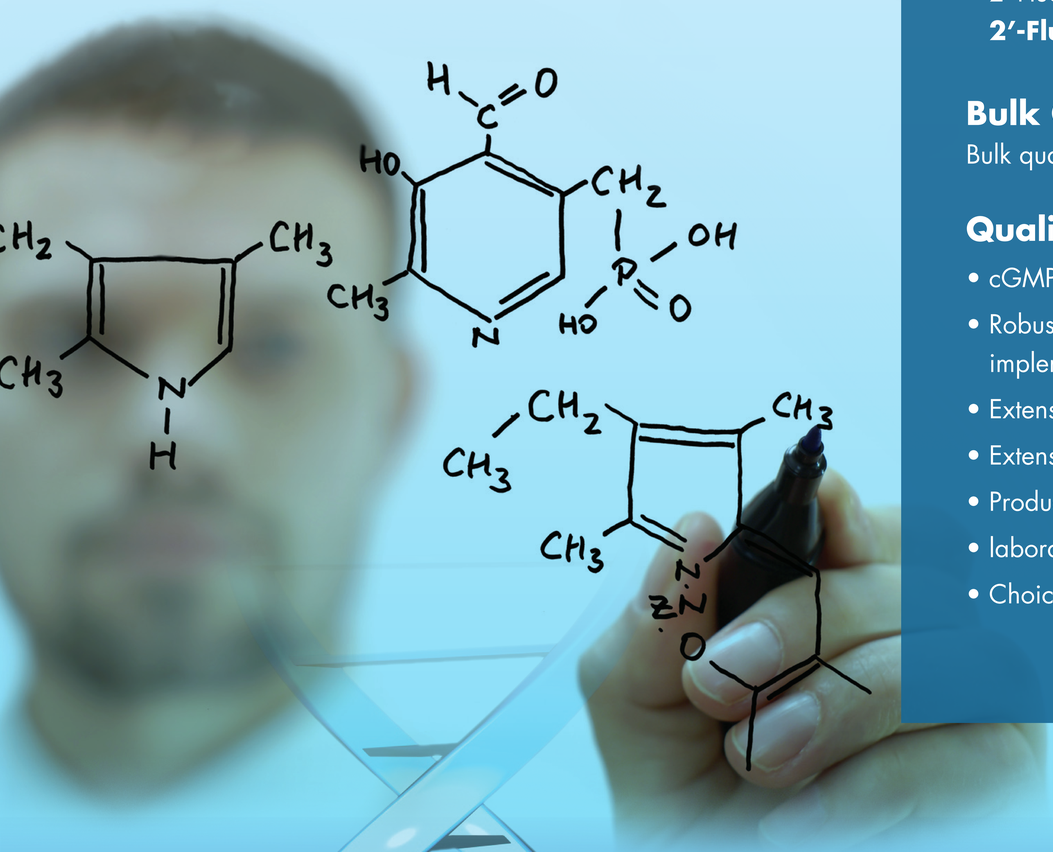
ChemGenes
CORPORATION



Key Products

- Natural 2′-tBDSilyl Phosphoramidites
  - Standard: 2′-Si-Abz, Cbz, Gibu, U.
  - Mild: 2′-Si-Aac, Cac, Gac, U.
  - Ultra-Mild: 2′-Si-Apac, Cpac, Gpac, U.
- 2′-O-Methyl –RNA Synthesis
  2′-O-Methyl A,C,G & U Phosphoramidites
- 2′-Fluoro – RNA Synthesis
  2′-Fluoro U & C Phosphoramidites

Bulk Capabilities

Bulk quantities in Kilo grams available

Quality Assurance Highlights

- cGMP Laboratory practices in place
- Robust Quality Assurance Program has been implemented for the quality of amidites & supports.
- Extensive Quality Management in place
- Extensive Documentation & Records in place
- Production & In-Process Controls
- laboratory Controls
- Choice source of GMP grade oligonucleotides

UnyLinker Universal Support

(Technology Licensed from Isis Pharmaceuticles)
CPG and Polystyrene supports
Bulk supports and pre-packed columns Available

Key Features:

- Fully compatible with standard phosphoramidite reagents and synthesis conditions
- Has standard DMT group and requires standard deblock solutions for oligonucleotides synthesis
- Coupling efficiency ≥ 99%
- Results in 3′ – OH oligonucleotides
- Clean standard succinate linkage and so cleavage from support is quantitative during ammonia incubation

Non Cleavable Supports & Columns

- Non- Cleavable inert Supports & Columns
- Uniform Particle Size
- Long Chain Spacer on Rigid non-swellable Support
- Two particle sizes are available;
  15-20 um & 60-70 um

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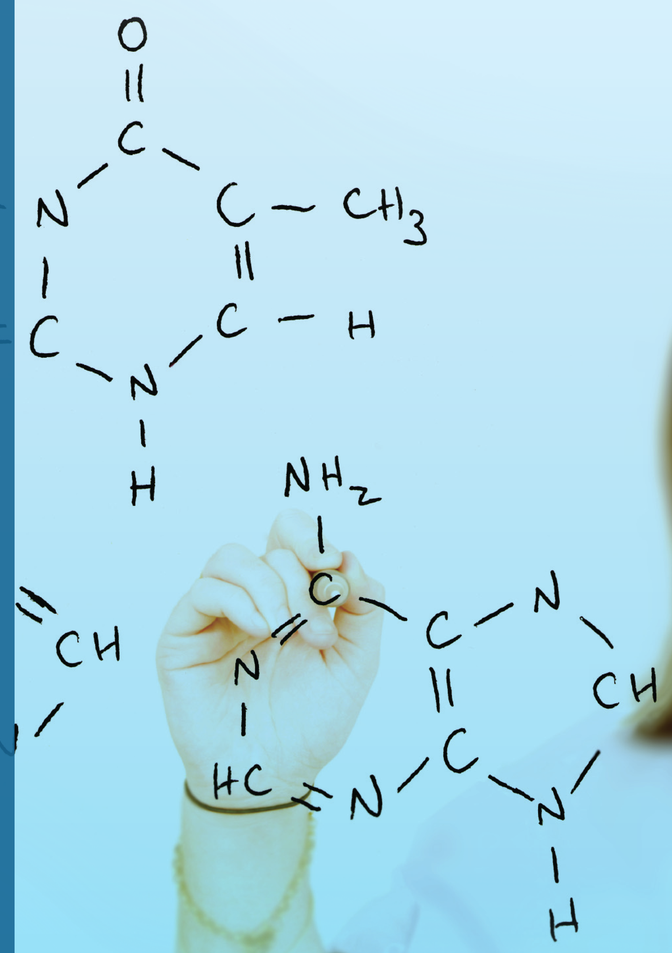

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