



Fast, Affordable Pre-Clinical Oligonucleotides

OLIGROW ADVANTAGES

Your oligonucleotides are manufactured in one of Nitto Avecia's two FDA-registered facilities, using instrumentation, methods, and analysis designed for scalability and consistency throughout the development process. Count on Nitto Avecia quality as your compounds progress to the clinic.

- » Save time and money by leveraging Nitto Avecia's decades-long experience from producing more than 1,000 oligonucleotides.
- » Using parameters and reagents that are easy to be transferred to late phase manufacture needs.
- » Affordable material for early phase screening and studies.
- » All OliGrow oligonucleotides are produced in-house at our Cincinnati, Ohio plant.

Nitto Avecia's **OliGrow** service delivers custom μ mol to mmol scale pre-clinical oligonucleotides at affordable pricing with fast turnaround times. You can order custom DNA and RNA with standard chemical modifications as well as advanced solutions for more specialized needs, including specialty amidites and post conjugates. Ideal for academic, government, research application and early phase needs, OliGrow oligonucleotides meet demanding purity and quality standards. To bring your program from the discovery and pre-clinical stage through to commercialization, Nitto Avecia is the only oligonucleotide contract manufacturer that can scale with you, avoiding future surprises and costly technical transfers.

OliGrow Services

- » Custom oligonucleotide synthesis
- » Quality pre-clinical materials from 25mg to 20g per batch
- » Multiple sequence types and lengths, including highly modified sequences, pegylation, post conjugation, duplexations, and combination products.
- » CRISPR sequence and long-mer oligonucleotides.
- » Reagents compatible with scale-up
- » Responsive customer service, quick turnaround
- » Competitive pricing

Specialized Synthesis

- » Specialty and customer-supplied proprietary amidites
- » Oligo conjugation services

Purification and Downstream Processing

- » Purification techniques compatible with scale-up
- » De-salted and freeze-dried products
- » Delivery as a lyophilized powder

NEXT STEPS: Contact Nitto Avecia at OliGrow@Avecia.com or 508-532-2500 to secure high-quality pre-clinical oligonucleotides to advance your compounds to market.

