



Antisense Oligonucleotides for Drug Discovery

High Quality and Consistency

Profound hands-on expertise in the synthesis of all chemistries currently used in the field, highly optimized and adaptable synthesis platforms and full process traceability and risk mitigation ensure highest quality oligonucleotides.

Fast Turn-Around Times

High scalability and adaptability of the production processes provide you with fast turn-around times for your development process.

Affordable Pricing

A customized manufacturing process, documented across all phases of the development of your therapeutic oligo at affordable prices.

Overview

Our highly qualified oligonucleotide chemists and process development experts have been working for 30 years on the forefront of oligonu-

cleotide manufacturing and established a high level synthesis facility at Microsynth. Our customers rely on our highly optimized synthesis platforms,

which are tailored to their needs at every stage of the drug development process.

Microsynth Core Competence Areas to Support Your Discovery Program

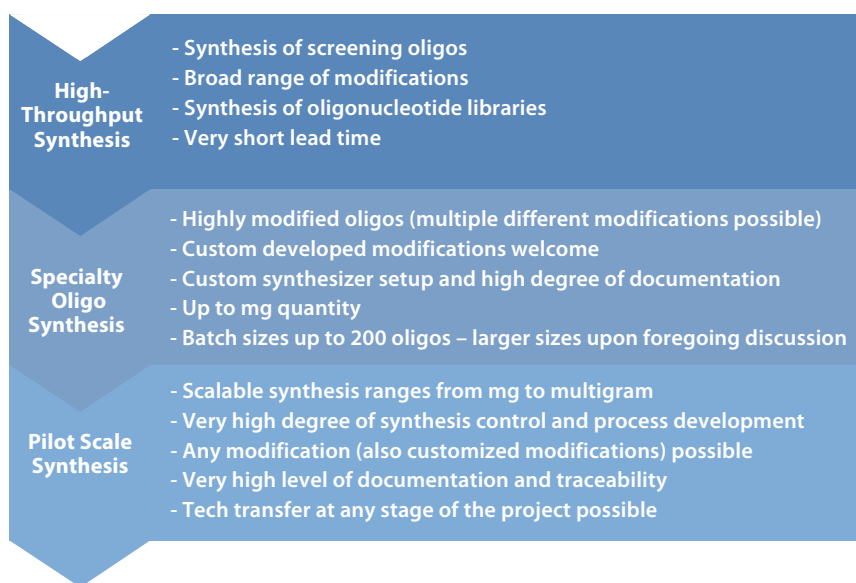


Figure 1. Overview of a typical process for the discovery of therapeutic oligos and the core competence areas of Microsynth in this process. A list with typical Microsynth services gives you an insight on our service portfolio.

Specifications

Custom Backbones

DNA, RNA, 2' MOE, 2' OMe, LNA, PTO, 2'F

Modifications

- >250 modifications available
- Custom modifications welcome
- Partial PTO, full PTO

Purification

- RP HPLC (single and dual)
- IEX HPLC (single and dual)
- Dialysis

Optional Services

- Impurity identification
- Endotoxin testing
- Cation screening
- Customized fill & finish

Quality Control

- MALDI-TOF
- Analytical HPLC

Available Products

- Antisense oligonucleotides (ASO)
- siRNA
- Anti-microRNA (AMO)
- Aptamers
- Gapmers

Getting Started with Microsynth

Our modular integrated synthesis process allows us to accommodate your project at any stage of your discovery program.

Please contact our project managers to discuss your personal program and needs. Our dedicated experts will elaborate on your customized project pro-

posal and time-schedule to meet all your requirements and expectations.