

# Your Partner for LNP and liposome development



**NovoArc**  
Lipids for Innovation

## Expertise that Delivers

**NovoArc offers industry-leading expertise in developing lipid-based formulations for advanced drug delivery applications.**

Each API requires an individual approach. We support our customers throughout product development to bring their formulations to market readiness.

With state-of-the-art microfluidic technology and a proven track record in preclinical development, we enable partners to efficiently move from concept to formulation.

## Our expertise

**>10 years of hands-on experience**

**>1.000 formulations performed**

- Particle design
- Formulation screening
- Optimization of lipid composition
- Chemical modification of lipids
- Particle characterization and stability testing
- Scale-up
- Technology transfer to large-scale GMP-CMOs
- In vitro characterization
- Support for in vivo studies

## Our capabilities

### Formulation

- Microfluidic techniques
- Solvent injection
- Thin-film method
- Encapsulation of small molecules, peptides/proteins and nucleic acids

### Analytics

- Particle size and size distribution
- Zeta potential
- Cargo concentration
- Encapsulation efficiency
- Transfection efficiency

### Discover our proprietary lipid technology

We offer a toolbox of unique, IP-protected lipids for LNPs and liposomal formulation

- Optimized solubility
- Superior stability
- Enhanced (oral) bioavailability

## Contact us for your customized formulation project

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