

DATA SHEET

SK pharmteco's Offering for TIDES Modalities



OLIGONUCLEOTIDE & PEPTIDE CAPABILITIES

SK pharmteco is a leading CDMO for Small Molecule APIs, Intermediates, and Cell and Gene Therapies along with comprehensive Analytical Services.

Our facilities located in United States can synthesize complex Phosphoramidites as well as chiral building blocks to support all scales from clinical to commercial production. We also manufacture non-GMP Oligonucleotides at lab scale at our California facility. Our facility in Korea produces protected Amino Acids and peptide fragments via solution phase at commercial scale.

Backed with an exceptional track record with the FDA, EMA, PMDA, and other agencies, our skilled team of process chemists, engineers, and analytical experts ensure precision and quality at every step.

SERVICES

Custom Oligonucleotide Synthesis: (Lab Scale)

- Custom Phosphoramidites
 - Process R&D & manufacturing
- Custom Oligonucleotides
 - Lab scale synthesizers - Process R&D
 - Production of gram quantities of siRNAs, ASOs, & PMOs
 - API for preclinical tox studies
 - Impurities
 - Reference standards
- Preparative Chromatography
 - Batch & Multicolumn (MCC)

Peptide Building Blocks:

- Amino Acids
 - CGMP production up to MT Scale
 - Fmoc amino acids
 - Various protected unusual chiral amino acids & building blocks
- Peptide fragments (LPPS)
- Peptide development laboratory & CGMP manufacturing investment approved

Our Commitment to Sustainability:

- Goal to achieve Net Zero Carbon emissions by 2040
- Solvent recovery significantly reduces GHG footprint
- 50% of our electricity comes from renewable sources

Comprehensive Analytical Services:

- Method development, testing, & stability studies for APIs & Finished Products
- Release Testing for Raw Materials
- Extensive instrumentation including:
 - High Resolution Mass Spec (QTOF) & LC-MS/MS
 - HPLC & GC
 - Ion Exchange Chromatography
 - Counterion testing: IC & ICP-MS

