

Seamless, integrated chemistry services in ADC development from Discovery to Commercial



NJ Bio: Princeton, NJ

With seamlessly integrated capabilities in ADC chemistry, we combine discovery expertise, advanced high-potency handling, and commercial manufacturing strength to ensure a consistent, efficient transition from development to market.

- Discovery, IND enabling, and GMP Bioconjugation up to Phase II
- Global leading commercial supplier of S-Trione and SN-38
- High Potency handling OEL < 10 ng/m³
- Custom Payloads and Linkers
- Oligo building blocks, Oligonucleotide synthesis, and conjugation



Nacharam, Hyderabad | USFDA & EDQM audited



ADC Services - Discovery to Commercial



Discovery & Early Development

• R&D Antibody Production (Transient cell line)	●
• High-Throughput ADC Screening	●
• Payload & Linker design	●
• Conjugation strategy / DAR optimization	●
• Early Bioanalytical & Analytical support	●
• In vitro Characterization	●
• In vivo Studies - Efficacy, Tolerability, Tox, PK (Rat & Mice)	●
• Toxicology studies in Non-Human Primates	●



GMP Manufacturing

• Antibody (GMP)	—
• Payload-Linker synthesis (Phases I & II)	●
• Payload-Linker synthesis (Phases III & Commercial)	●
• GMP ADC manufacturing (Phases I & II)	●
• Fill-finish*	●
• Analytical testing Phases I & II (method development, qualification / validation, release & stability)	●



Preclinical Development & Toxicology Batches

• Bioconjugation	●
• Payload - Linker synthesis / SAR	●
• ADC Optimization for Efficacy & Tox	●
• Bioanalytical Support (in vivo / in vitro assays, ELISA, cytotoxicity, PK, serum stability)	●
• Analytical support (DAR, monomeric purity)	●
• Tox Batches (Payload, Linker, Bioconjugate)	●
• Process development, optimization, scale-up	●



Payload Products

• S-Trione	●
• MMAE	●
• Exatecan Mesylate	●
• SN-38	●
• Camptothecin	●
• Irinotecan hydrochloride	●



Facilities:

● NJ Bio: Princeton, NJ

● Nacharam, Hyderabad

Collaborators:

● Simtra Biopharma Solutions

● Charles River Laboratories

