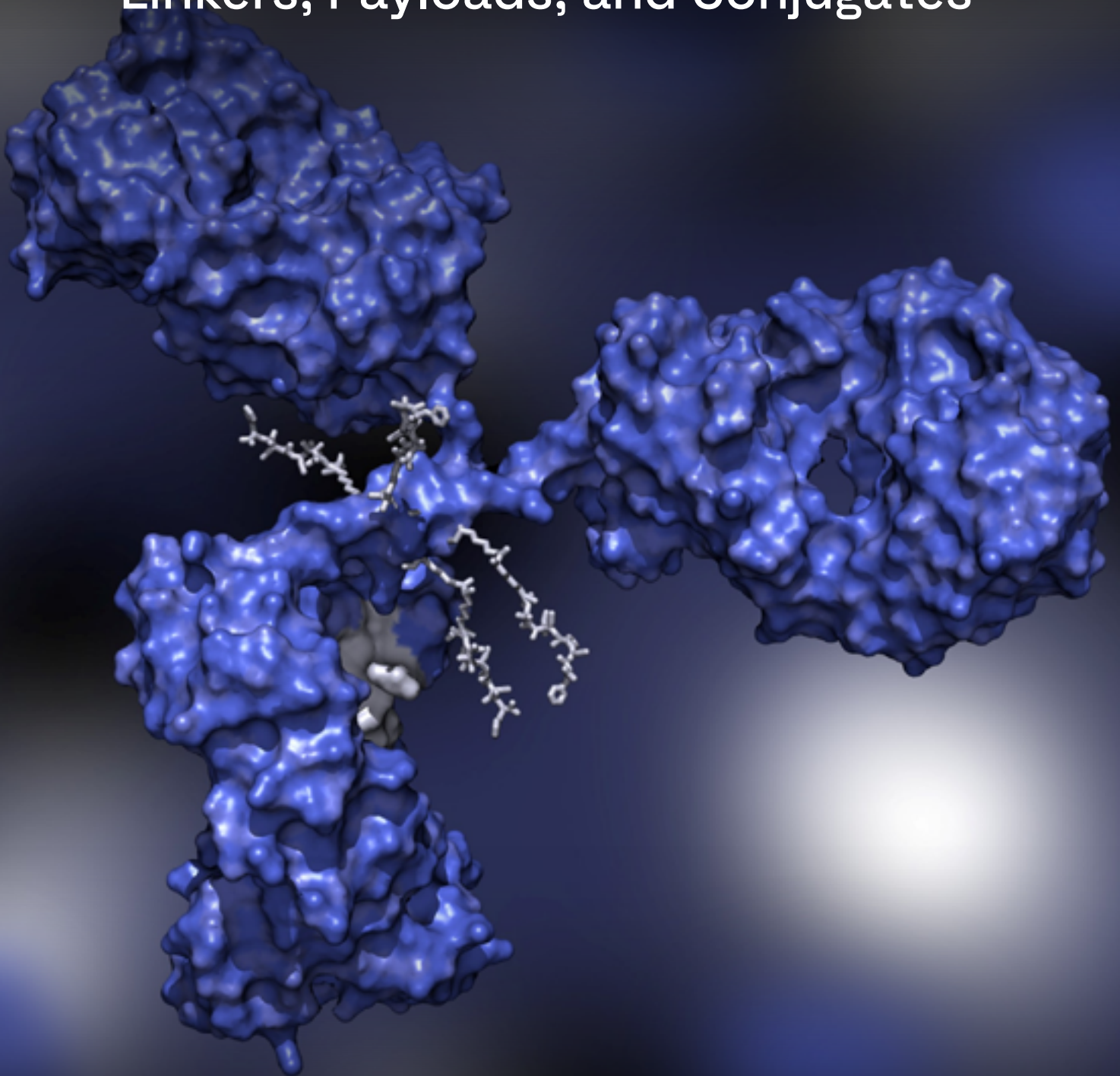




VERANOVA®

Managing
complexity
with confidence

Antibody-Drug Conjugates (ADCs):
Linkers, Payloads, and Conjugates



We Tackle Your Unique ADC Development and Manufacturing Challenges

At Veranova, we bring over 18 years of experience in developing and manufacturing ADC linker-payloads to support biopharmaceuticals. Our comprehensive suite of services supports your journey from early development through to large-scale commercial manufacturing, ensuring you achieve optimal results at every stage.

Our expertise spans payload-linker development and purification, all backed by our capabilities in highly potent active pharmaceutical ingredients (HPAPIs) and our world-leading cGMP facilities.

Our site in Devens, MA is dedicated to delivering excellence in every aspect of linker-payload development. With our cutting-edge facilities and expert teams, we are your trusted partner in navigating complex ADC projects.

With Veranova, you are choosing a partner that values progress, precision, and partnership in ADCs.

Key Expertise

- **50+ years** of experience in cytotoxic API manufacturing.
- **18+ years** working with common linkers and payloads.
- Experts in complex chemical synthesis and HPAPI handling.
- Multiple-scale chromatography capabilities to purify HPAPIs from grams to multi-kilo GMP production.

Why Choose Veranova?

Regulatory confidence:

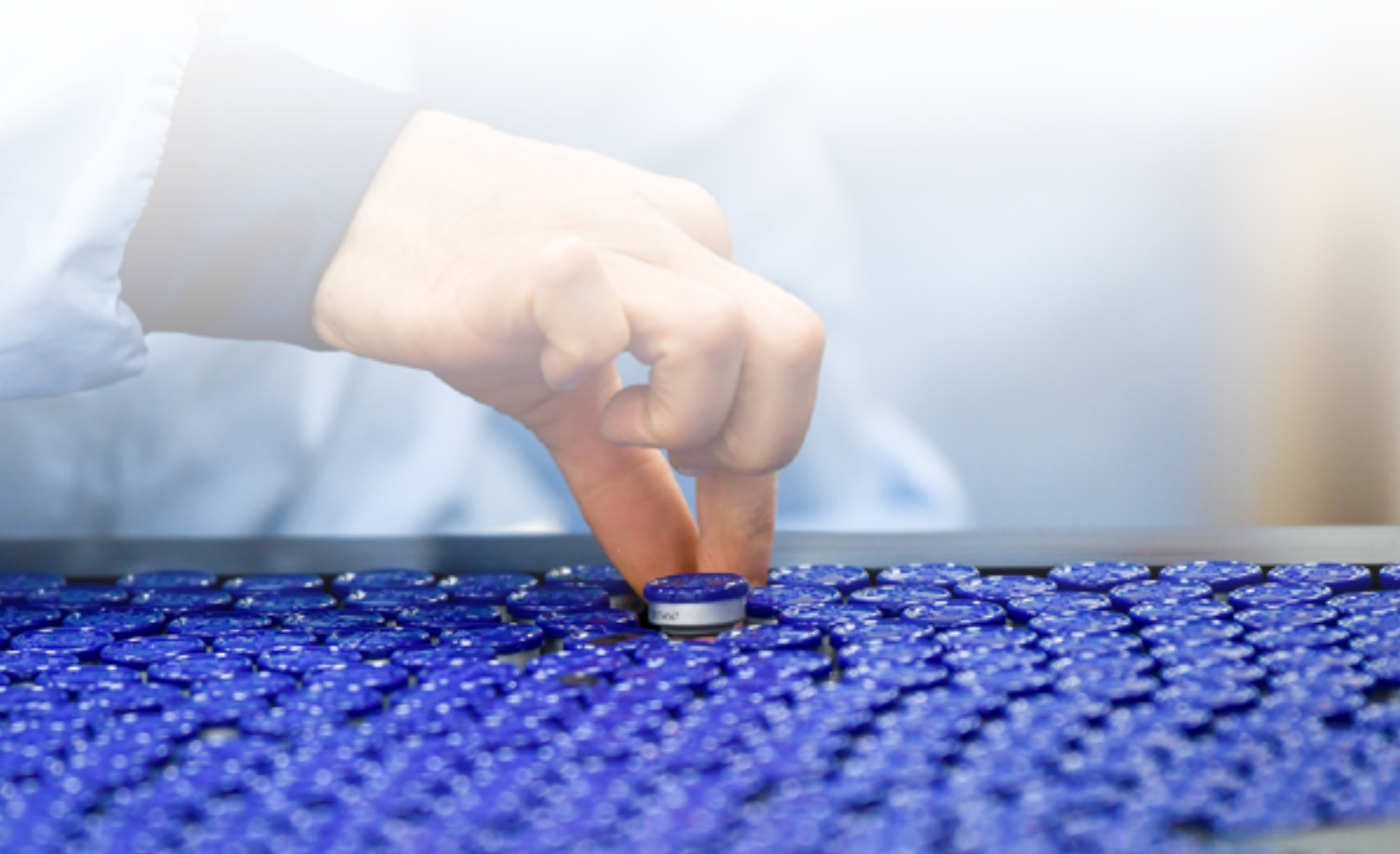
We meet the highest global regulatory standards, ensuring compliance and quality at every stage.

Faster time to market:

Our streamlined processes ensure efficiency, reducing development timelines and accelerating your project's success.

Trusted partnership:

From initial development to final delivery, we are committed to your success with a collaborative approach that's tailored to your needs.



Expert Solutions for Your ADC Program

At Veranova, we offer a fully customizable approach to linker-payload development, scaling our processes to suit your project's unique requirements. Our integrated services cover process development, analytical characterization, stability testing, and scalable production, ensuring seamless transitions from one phase to the next.

Guiding you through every step, from early development to commercial success:

	Preclinical	Clinical Development	Commercialization
	Analytical & chemical process development	Chemical process development & small-scale manufacturing	Large-scale manufacturing & process optimization
Services	<ul style="list-style-type: none"> Route scouting & optimization Crystallization development for purification Chiral resolution Toxicology batches Reference material program ICH stability testing & forced degradation studies 	<ul style="list-style-type: none"> Custom linker-payload synthesis Catalyst screening Chiral separation Impurity isolation/identification HPAPI purifications Scale-up 	<ul style="list-style-type: none"> HPAPIs/Isolator suites Diafiltration/TFF/Reverse osmosis Lyophilization Production-scale chromatography Thin-film evaporation Wet milling
Capabilities	<ul style="list-style-type: none"> Experience from early development through commercial GMP manufacturing Development, scale-up, clinical and commercial manufacturing of linkers-payloads under one roof Highly potent compounds: State-of-the-art testing/prep lab; Isolator suite; Small-scale plant Multiple linker-payload systems and diverse types of polymers Lab to commercial-scale chromatography Full analytical support for regulatory starting materials, in-process control strategies, and intermediate and API characterization Method development, qualification, validation, and transfer in compliance with global regulatory guidelines/ICH Q2(R1) 		
	Development process		

Expertise with multiple linker-payload constructs

Backed by years of proven expertise, we are ready to advance your molecule. Our deep knowledge of multiple linker-payload constructs allows us to tackle your unique ADC development and manufacturing challenges with confidence.

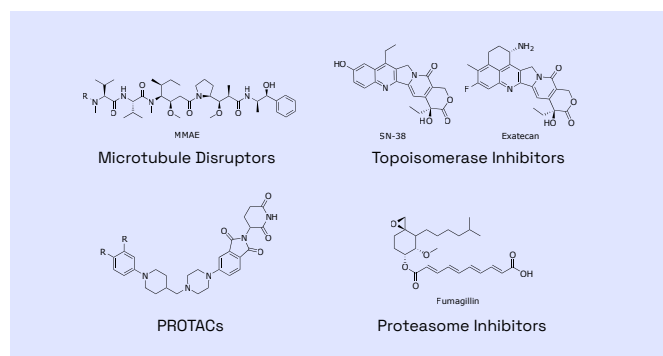


Figure 1: Examples of payloads within Veranova's capabilities.

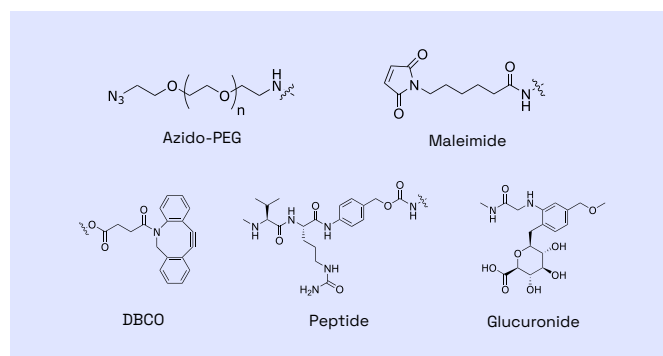


Figure 2: Examples of linkers within Veranova's capabilities.

Chromatography, purification & separations

We offer a full range of preparative chromatographic modalities at every scale. Leveraging cutting-edge knowledge and instrumentation, we can purify an extensive range of compounds in line with GMP standards.

- Purifications – normal phase, reverse phase and supercritical fluid chromatography (SFC).
- Chiral separations.
- Impurity isolations, purifications and synthesis – nuclear magnetic resonance (NMR), mass spectroscopy (MS), and spectroscopies (Raman, IR and UV).
- Post-separation processing including thin-film evaporators for rapid solvent removal.

Partnering for your success in ADC development and manufacturing

With Veranova, you're choosing more than a service provider, you're choosing a partner with a deep knowledge of complex chemistries and a proven track record in delivering innovative solutions. Supported by our dedication to quality chemistry, you can advance your ADC to its next phase with confidence.



Managing
complexity
with confidence



Scan to learn more about how Veranova can support your ADC program or email INFO@VERANOVA.COM to start a conversation.