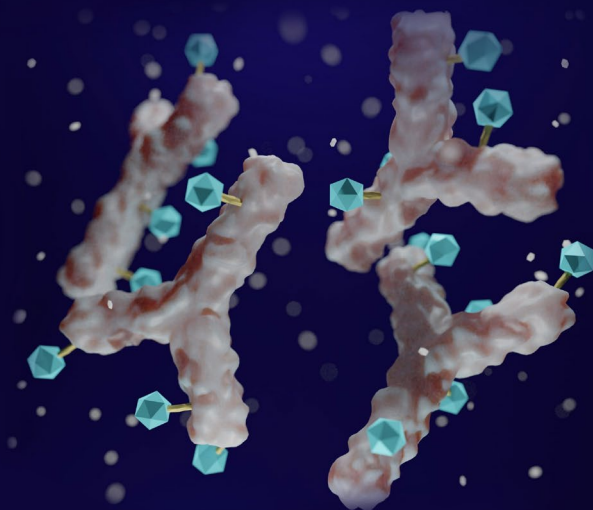


High-Potency Expertise for XDC Payloads and Linkers



Sai

Make it
better
together

Sai Life Sciences delivers a fully integrated XDC discovery-to-clinical supply platform with 15,000 sq. ft. of specialized OEB-6 (<0.01 µg/m³) laboratory space and 12 rigid isolators, offering industry-leading containment capabilities to support the safe and efficient development, scale-up, and clinical supply of highly potent compounds

Our capabilities span the synthesis and scale-up of:

Cytotoxic Payload, Scaffolds, Linkers and fully assembled scaffold-linker-payloads (SLPs). We have successfully executed multiple programs across diverse XDC warhead classes, supporting innovators from early development through commercial supply.

Chemistry of Linker payloads

Discovery

Our discovery capabilities include dedicated high-potency lab with synthesis and analytical instruments that supports diverse payload classes.

- Sets of isolators with containment of <0.01 µg/m³ (OEB-6)
- Fully integrated analytical and purification workflow
- Experience in the synthesis of diverse novel payloads, scaffolds and linkers
- End to end integration towards conjugate synthesis

- Full laboratory workflow capability: dispensing, reaction, purification, isolation, drying, and packing
- Reactors up to 2000 mL

New OEB-6 labs for Process Development with containment of 0.01 µg/m³ to be ready in Q4 2026.

This infrastructure enables comprehensive process development for highly potent molecules, including the production of lab assurance batches under stringent containment conditions.

Advanced HPAPI

Process R&D

Our dedicated HPAPI Process Research & Development facility in Hyderabad is designed for safe and efficient handling of highly potent compounds.

- Two independent streams of rigid isolators
- Validated to a containment performance target of 0.1 µg/m³ (OEB-5)



GMP Manufacturing for High-Potency XDC Components

For GMP production, Sai Life Sciences operates a dedicated high-containment manufacturing facility in Bidar:

- Validated to $0.1 \mu\text{g}/\text{m}^3$ (OEB-5)
- Dedicated Quality Control laboratories
- Three independent manufacturing streams
- Reactor volumes up to 1000 L
- Agitated Nutsche Filter Dryers (ANFDs) up to 100 L

The facility is designed to support clinical and commercial-scale production of high-potency XDC components with robust segregation and containment.

Why Partner with Sai Life Sciences for XDC Programs?

- Proven experience across multiple XDC warhead chemistries
- Fully integrated HPAPI development and GMP manufacturing
- High-containment infrastructure meeting OEB-5 & OEB-6 standards
- Scalable processes from development to commercial production

With deep expertise in high-potency chemistry and dedicated industry leading containment, Sai Life Sciences is a trusted partner for the development and manufacture of critical small-molecule components that power next-generation XDC therapeutics.





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For more information
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