

Recent Outcomes from Our High-Throughput Experimentation Group

Early Route and Process Enabling

Within 6 weeks, a new route was identified and further optimised within both process chemistry and HTE laboratories to provide a more robust and safer process. This resulted in:

Significant Increase
in Yield

-15%
Cost

Reduced PMI

-50%
Cycle Time



UK
Sandwich, Kent

Commercial Process Design

By adopting a data-driven design approach, we executed a full suite of HTE applications with over 3,000 experiments, generating 6,000 data points within five weeks, leading to:

- Deeper process and mechanistic understanding
- More efficient and robust processes
- A new, more stable intermediate
- Fewer unit operations
- Reduction in cost
- Increased yield

New OEB5 Facility Expands High-Potency Drug Manufacturing Capacity

Asymchem's new OEB5 facility is now officially operational. This 6,000 m², four-story plant combines best-in-class engineering and advanced technology to deliver industry-leading performance and compliance. The facility features:

- CPT ≤ 5 ng/m³ meeting strict safety standards
- End-to-end HPAPI production, grams to multi-kilogram scale
- Annual capacity exceeding 500 kg
- Complete range of synthesis reactors (5 L-1,000 L)
- Integrated isolation and purification systems
- Automated, hermetically sealed processes

The facility supports global HPAPI production, including payload-linkers, small molecules and more, meeting multi-phase demands from toxicology studies to **commercial-scale production**. Furthermore, with the upcoming launch of the HPAPI R&D lab in Q3 this year, we will establish fully consolidated, end-to-end control across R&D, manufacturing, and analytics.

Asymchem—your trusted partner worldwide for safe, efficient, and compliant HPAPI solutions.

Your Global E-Commerce Website is Launching Now!

We're excited to launch our new global e-commerce platform on **May 5th** for selling top-tier compounds. This platform positions **our Boston site as a central hub** and provides a seamless user-friendly experience for customers worldwide. Explore the future of chemical purchasing today at

www.asymchemdirect.com



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