



PEPTIDES, CUSTOM AMIDITES & ADVANCED MODALITIES

Delivering Excellence for the Future of Therapeutics

honourlab.com

Built ^{to} Deliver

Early Development To Full Scale Manufacturing

Honour is a expert CDMO partner for global pharma and biotech innovators. We deliver excellence in **Process Development, Analytical Development and Contract Manufacturing**. With our core expertise in chemistry, we support product development from the pre-clinical and clinical stages to commercial manufacturing.

Peptide CDMO Capabilities

- » Equipped to handle SPPS, LPPS and Hybrid Peptide synthesis
- » Fully automated peptide synthesis across lab and pilot scales
- » Lab Scale: 250 mL – 10 L; Pilot: 10 L – 150 L
- » Fully automated purification process development system: Dynamic Axial Column (50 mm - 450 mm)
- » Nano and TFF based downstream processing
- » Programmable Lyophilizer (60 L, 160 L)
- » HPLC, UPLC, 2D-UPLC, GC, IC, HRMS (MS/MS), NMR (400 & 600 MHz), IR, UV, Polarimeter

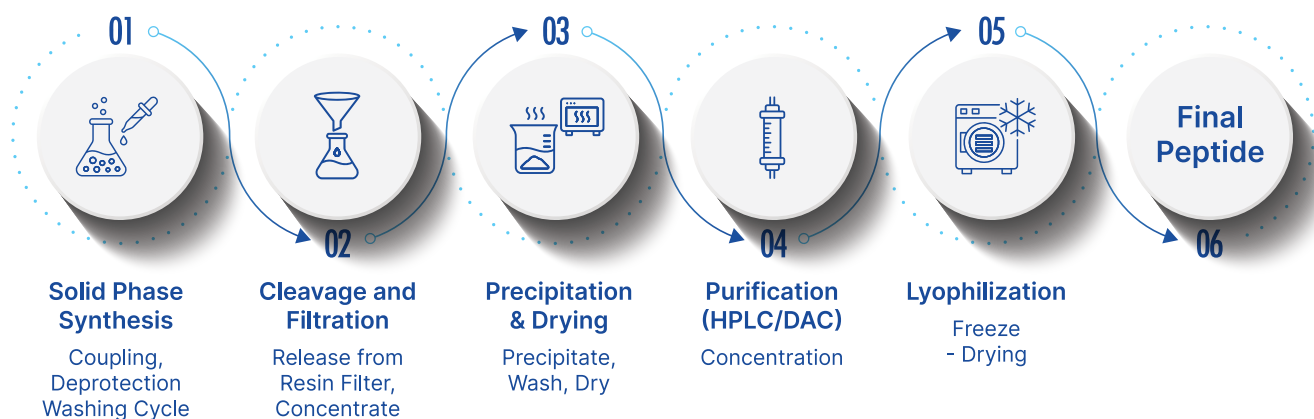


Fully Automated
Peptide Synthesizer

Preparative HPLC systems
- 3 L/Min and 8 L/min
(with 200 & 450 mm
DAC Column)



Solid Phase Peptide Synthesis (SPPS) Overview



Custom Amidites Capabilities

- » Team with ~10 years experience
- » Delivered ~40 monomers including commodity & custom amidites
- » Scaled several amidites up to 25 kg
- » Expertise across 2-Deoxy, MOE-series, LNA-series & Morpholino-PMOs
- » Process development for triphosphates, MeMOP & light-sensitive amidites
- » Emerging GalNAc chemistry
- » PMO series scalable processes; 5 kg RFT demonstrated
- » Impurity identification & controls for intermediate & finished products
- » Storage & packing defined for unstable/hygroscopic PMOs
- » Portfolio of custom amidites with sugar/base/dual modifications

Analytical Excellence

- » Method development & validation (PDA, RI, CAD, ELSD)
- » Thorough control of critical process parameters (CPP)
- » Identification & control of reactive/non-reactive impurities
- » GTI & nitrosamine assessment
- » Impurity profiling (LC-MS/MS, GC-MS, HRMS)
- » Stability studies & structural elucidation
- » Analytical tools: UV, MS, 31P NMR for impurity identification
- » Preparative purification: prep HPLC, flash chromatography, 150 mm DAC

Engagement Models & Deliverables

Commercials:

FFS (time & materials) or milestone-based, Process FTE

Deliverables:

Process development report, batch records, CoA, method packages, tech transfer dossier

Scale-up readiness:

Lab → Pilot with safety and **analytical package**

An Overview



2
R&D Centers



8
cGMP Manufacturing
Facilities



15+
Years of
Experience



300+
Scientists



3,500+
Total
Workforce



5,000+ m³
Total Production
Capacity

Our Global Presence

300+ Customers Globally



Unlocking possibilities in **complex molecules.**



Connect with us:
connect@honourlab.com

honourlab.com