

Chemistry Service Unit

Peptide Service

Peptide Service Division at WuXi AppTec offers synthesis and purification of peptides or peptidomimetics at research to production scale with the high quality standard, competitive price, and quick turnaround time.

Built on unparalleled expertise in organic chemistry, we have comprehensive capacity and capabilities to produce the most complicated peptides possible, whether by solid phase or solution phase synthesis.

Expertise:

- Route design
- Unnatural amino acid synthesis and incorporation
- Long peptide synthesis (up to 95 amino acids)
- Peptide modifications
- Peptidomimetics
- Cyclic peptides (S-S bridge, thioether bridge, amide/ester bridge, olefin metathesis, others)

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

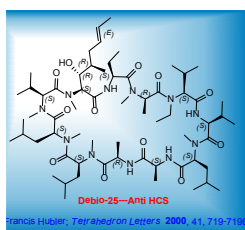
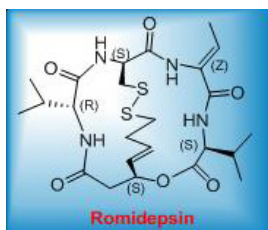
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Full Spectrum Services:

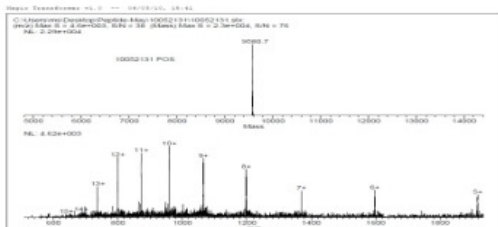
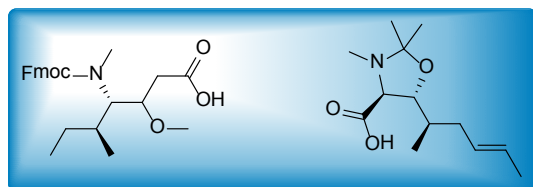
- Mg to 100's g
- Purities up to >99%
- Solid and solution phase
- Fmoc, tBoc and Z chemistry
- High throughput library synthesis
- Characterization (counter ion, peptide content, mass balance, EA, NMR, residue water, residue solvent, etc)



Complex Peptide Synthesis & Sophisticated Route Design



Unnatural Amino Acid Synthesis



State-of-the-art Equipments



Varian/Novasep Prep. HPLC, Shimadzu/Waters Prep. HPLC
Gilson/Waters Semi-Prep. HPLC; Access to 12 SFC, LC-MS, LC-MS/MS,
LC-TOF-MS, NMR, GC, KF, IC



High Throughput
96 channels automatic
peptide synthesizers



Scale Up
5L, 10L, and 20 synthesizer

For more information on
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