



AURIGENE

PHARMACEUTICAL SERVICES

Custom Peptide Synthesis

End-to-end peptide synthesis services, from discovery to manufacturing, with core competencies ranging from simple linear peptides to most complex forms.

Improving peptide druggability | Peptide modification |
Backbone and side-chain modification | Cyclization | Derivatization and conjugation |
High throughput synthesis | Microwave peptide synthesizer

Peptide Modification

Backbone modification

- N-alkylated amino acids
- D-amino acids
- Depsipeptides
- Peptidomimetics

Cyclization

- Lactam
- Stapled
- Click
- Di-sulfide
- Thioether

Conjugation/ derivatization

- Maleimide
- Lactam
- Click
- Ester

- PEG
- Lipid
- PMD
- Oligo
- Bio-isosteres
- Florescent probes

Why Aurigene Pharmaceutical Services?

- Expertise in peptide optimization to improve pharmacological properties
- Core competencies ranging from simple linear peptides to complex forms
- One-stop solution for discovery, development and manufacturing of peptides
- Synthesis, scale-up and peptide discovery capabilities
- Advanced analytical tools for peptide characterization
- Large manufacturing capabilities in US FDA inspected sites

Capacity

Synthesis:

- Manual and automated synthesis
- Automated microwave peptide synthesizer

Analysis:

- LC-MS
- Analytical HPLCs
- Salt content (TFA, Acetate)
- Peptide content (By elemental analysis)

Purification:

- Flash chromatography
- Reverse phase purification
- Ion exchange chromatography
- Salt exchange technologies
- Preparative HPLC
- Lyophilizer

