

01



Custom Peptide Synthesis

Microwave assisted rush delivery

02



Functional Peptide Synthesis

Cell-Penetrating RGD cyclic
Multiple antigen β -amyloid

03



Amino acids & Reagents

Fmoc / Boc / CBZ / D-amino acids
Peptide synthesis reagents

04



Drug Peptide & Cosmetic

Over 70 of drug & cosmetic peptides
spot supply

05



Ordering Guideline

Inquiry Ordering
Deliver Payment

Omizzur Biotech

Web : www.omizzur.com

Email : service@omizzur.com

Phone : 400-777-8404



OMIZZUR : Leading Peptide Customization

Founded in 2010, Omizzur is a globally recognized peptide manufacture committing to quality and service. Omizzur has established three production bases, two peptide R&D centers, and a team of more than 350 first-class peptide experts to realize this commitment.

Over the past 10 years, Omizzur has accumulated a large number of technical skills and won numbers of national major scientific and technological achievements. The main services and products include custom peptide synthesis services, customization of special functional peptides, drug peptide (APIs), protected amino acids and resin raw materials, peptide synthesis reagents.

Omizzur products cover the research and production for all peptide stages. Omizzur Biotech has the capacity to service universities, academia, biomedical research Institute for worldwide with quality guaranteed peptide.



✓ Cell penetrating peptide (CPPs)

✓ RGD / RAD peptide

✓ COVID-19 related peptide

✓ Natural antimicrobial peptides

✓ Peptide library synthesis

✓ Beta Amyloid Peptide (β -AP)

01
OPTIONS

Peptide Synthesis Services

Omizzur is upgraded to the ISO 9001:2015 standard to make the commitment for the excellent quality and good wish for long-term cooperation. Integrating optimized microwave technology and mature solid-phase liquid phase synthesis, automated peptide synthesizers, Omizzur has independently developed the OMIZZU™ synthesis platform, which makes Omizzur have great advantages specifically reflected in these aspects:



Rush Peptide Synthesis

- Research-grade peptides for commonly used are available from stock
- Higher synthesis rate :the coupling period of an amino acid is only 10 minutes without racemization



Stringent Quality System

- Each peptide undergoes more than 10 comprehensive quality tests to ensure sequence correctness
- Using a reasonable strategy for full-automatic production to avoid the error and make the quality stable



Reduce Your Research Costs

- Established two peptide production bases in Asia. Under the premise of quality, Omizzur can help you reduce your scientific research costs in peptides, amino acid raw materials, peptide synthesis reagents etc.,

Omizzur Peptide Synthesis Service

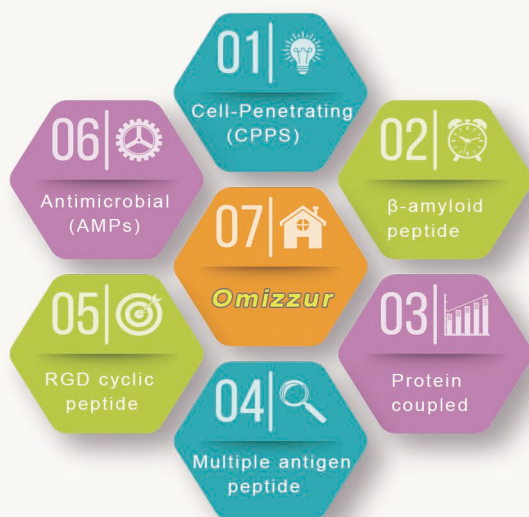
Rush Service	Rush Peptide Synthesis I	Rush Peptide Synthesis II	Routine Peptide Synthesis
Sequence length	5-25 AA linear	5-30 AA purified	30 AA-150 AA
Purity	Crude	70%-95%	98% above
Modifications	Simple	Normal	Normal - complex
Quantity	Up to 100 mg	Up to 100 mg	mg to kg
Document	COA/HPLC/MS	COA/HPLC/MS	COA/HPLC/MS
Solubility test	Yes	Yes	Yes
Applications	<ul style="list-style-type: none"> • Functional screening of drugs • Drug sequence optimization 	<ul style="list-style-type: none"> • Antigen synthesis • Phosphorylation Study • Cell in vivo studies 	<ul style="list-style-type: none"> • Medicinal peptide • SAR research • Clinical trials
Deliver time	1 week	1-2 weeks	2-4 weeks

*Omizzur synthesis expert will consider solid-phase/liquid-phase/microwave methods base on demand of peptide synthesis. This chart is for standard peptide synthesis.

02
 OPTIONS

Functional Peptide

In current clinical applications, various functional peptide drugs obtained through chemical modification have shown their excellent performance. By modifying the main chain structure and side chain groups of the peptide sequence, the physical and chemical properties of peptide compounds could be different, and the functionality of the peptide can be significantly changed.



Cell-Penetrating Peptides (CPPs)

Less than 30aa, has the function of biomembrane penetration

RGD Cyclic Peptide

Potential antitumor peptides, Spot supply

Protein Coupling Modification

Macromolecular modification with high purity : OVA / BSA / PEG

➤ 300 + Peptide Modification for Research

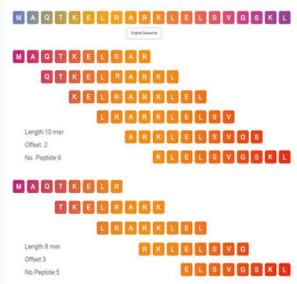
N-terminal	C-terminal	Special Amino Acids	Peptide Labeling
Acetylation Fmoc / Boc mPEG Fatty acid / Myristic acid / Palmitic Acid / Stearic acid CBZ / For	Amidation AMC / AFC CMK / FMK BSA / OVA / KLH NH ₂ /NHMe/NH ₂ Et/NHisopen Ester / TBzl	D-amino acids Unnatural amino acid Phenylalanine/Tyrosine derivatization Methylation Phosphorylation Sulfonation	FITC / 5-TAMRA 5-FAM / 5(6)FAM AMC / MCA Rhodamine B Dansyl / HYNIC Cy3 / Cy5 NBD / Biotin Isotope labeling
Peptide Cyclization	Peptide Conjugates	Multiple Antigenic Peptide	Glycosylation
Head to tail Side chain cyclization Disulfide bridges Ester bond Se-Cys cyclic Thioester cyclic	KLH BSA OVA	Asymmetric 2 branches /4 branches /8 branches	Fructose Glucose Mannose p-Nitroanilide

* Omizzur peptide modification includes but is not limited to the above varieties. Any special needs, please contact our sales staff

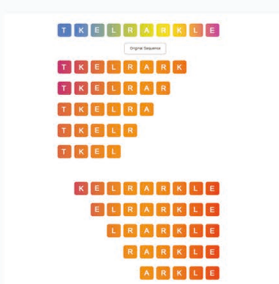
Peptide Library

Omizzur provide comprehensive options for custom peptide library synthesis by high throughput peptide technology, peptide purity ranging from crude to 99% for fullest QC services .

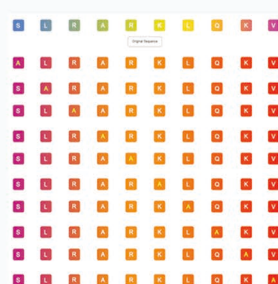
Overlapping Library



Truncation Library



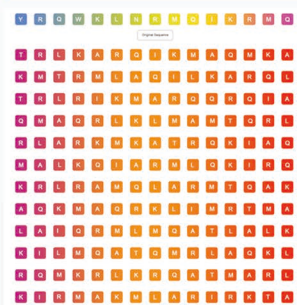
Alanine Library



Random Library



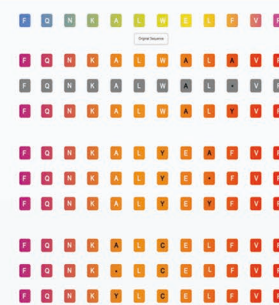
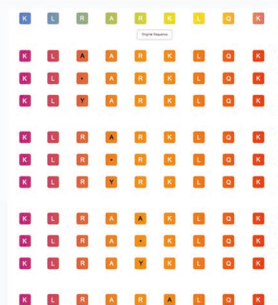
Scrambled Library



T-cell Truncated



Combinatorial positional scanning peptide Library



ISO 9001 certified quality system : Ensure high quality delivery of each peptide



Sign the order



Peptide synthesis



Purification



Quality analysis



Peptide report



Complete deliver

CMO Services :Large Scale Peptides Synthesis

With abundant synthetic experience for more than 10 years,Omizzur offers complete preliminary cost analysis, project review, R & D process optimization and qualification QC reports on all CMO large scale peptide production,and make it possible to obtain large scale with multi-kilo amounts of biologically active peptides.



- Entrusted drug processing business
- Optimization of freeze-drying process & conjoint research
- Development and production of peptide drugs.
- Sterile drug production skills training
- Optimization of production quality management system for aseptic drug production
- Drug technology transfer services

03
OPTIONS

Amino acids & Peptide reagents

Omizzur provide a comprehensive range of protected amino acids materials ,not only the standard 20 Fmoc-amino acids, but also for any specialty amino acid or chiral compound and peptide synthesis reagents. Most of them are in stock. The variety of them cover the research, production for all peptide synthesis stage.

Every batch of product will attached certificate of analysis and HPLC data to to make sure the peptide is professionally tested and qualified .

Full range of protected amino acid & peptide synthesis reagents available

A

Fmoc amino acids

Fmoc-Ala-OH Fmoc-Ala-OPfp
 Fmoc-Ala-OSu Fmoc-Ala-Pro-OH
 Fmoc-Ala-Val-OH Fmoc-Ala(N3)-OH

B

Boc amino acids

Boc-Ala-OH Boc-Ala-NH₂
 Boc-Ala-ONp Boc-Ala-OSu
 Boc-Ala-Ala-OH Boc-Ala-Ala-OH

C

CBZ amino acids

Z-Ala-OH Z-Ala-OMe
 Z-Ala-OSu Z-Ala-NH₂
 Z-Ala-Ala-OH Z-Ala-Gly-OH

D

N-methyl amino acids

H-N-Me-Ala-OH H-N-Me-Ala-OH·HCl
 Boc-N-Me-Ala-OH Fmoc-N-Me-Ala-OH
 Z-N-Me-Ala-OH Boc-N-Me-D-Ala-OH

E

Unusual amino acids

Boc-D-1-Nal-OH Ac-2-Nal-OH
 Boc-2-Nal-OH Z-L-2-Nal-OH
 H-D-2-Nal-OH Ac-D-2-Nal-OH

F

Natural amino acids

H-Ala-OH H-Ala-OBzl·HCl
 H-Ala-OBzl·TosOH H-Ala-OtBu·HCl
 H-Ala-OiPr·HCl H-Ala-NH₂·HCl

G

Amino alcohol

L-Alaninol Boc-Alaninol
 Fmoc-Alaninol Fmoc-β-Alaninol
 Fmoc-D-Alaninol D-Alaninol

H

Condensation agent

BOP reagent HATU
 HBTU HOAt
 HOBt (anhydrous) TATU

I

Amino protection

CBZ-Cl (Z-Cl) 9-Fluorenylmethanol
 Ac-OSu DMT-Cl
 CBZ-OSu (Z-OSu) Fmoc-Cl

J

Resins

Fmoc-Amino acids-wang resin
 Amino acids-2-Cl-Trt resins

* Omizzur amino acid raw materials and reagents are not limited to the above varieties, please contact our sales staff to obtain the varieties you need.

04
 OPTIONS

Pharmaceutical & Cosmetic

Omizzur Peptide provide dozens of drug peptides for scientific research purpose. The production is in strict accordance with cGMP standard and meets the requirements of USP and EP. We built API production facilities include solid/liquid/microwave synthesizer, purification, lyophilization, and packaging equipment, which are the foundation of the Omizzur quality system for peptide synthesis.



Pharmaceutical peptide		Cosmetic peptide
■ Antitumor Leuprorelin Triptorelin Buserelin Goserelin Deslelin Gonarilin Octreotide Lanrelide	■ Cardiovascular Bivalirudin Trifluoacetate Eptifibatide Argpressin Ornipressin Valprotide Eledoisin Carperitide Angiotensin acetate	Melanotan-II Copper Peptide (GHK-Cu) Argireline Palmitoyl Pentapeptide SNAP-8 Serilesine PAL-GHK
■ Diabetes Exenatide Glucagon Somaluptide Pranlinide GLP-1 (7-37) acetate	■ Reproduction Cetrelax acetate Carbetocin Alarelin Atosiban Oxytocin	■ Others Thymosin β 4 Acetate Thymosin α 1 Salmon Calcitonin Bremelanotide (PT141) Dynphin A (1-13)

Visit www.omizzur.com for more product informations :



Omizzur



Peptide Products



Drug Peptide

* Omizzur's drug peptides and cosmetic peptides are not limited to the above varieties. Please consult the sales staff for the latest product catalog

Services and Products

Omizzur provide custom peptide synthesis and peptide library services,protected amino acids and resins,peptide reagents,drug peptide,cosmetic peptide



Delivery Standard

The products to be delivered include:

- ▣ Peptide products
- ▣ Product instruction
- ▣ COA report
- ▣ MS and HPLC data
- ▣ Incubators or low temperature box

Shipping & Packing

Omizzur ships orders priority overnight by Fedex , DHL or direct air route:5-10 days for worldwide.

A shipping charge of \$50 is added to each international order.Orders up to a certain amount can apply for free shipping,please consult customer service staff for details.

Omizzur offers chemicals packaged in commonly used laboratory-sized packing material ready for safe shipment at any time.

Payment

We accept bank wire transfer and Paypal,Western Union for small samples also.

Quality Assurance

If you have any questions about the product, please contact us immediately for explanation or resolution of the problem.We do 100% responsible for our products.

Hazardous Chemicals & Liability

All Omizzur Biotech or reagents are handled by qualified individuals trained in laboratory procedures and familiar with the potential hazards of the chemicals.The products listed in this catalogue are for experimental laboratory use only and are not intended for house-hold use. Only qualified personnel should handle these chemicals.

■ *After-sales Services*

We value feedback from our customers after product sales, if you have any questions about the quality of the products received, please do not hesitate to contact our customer service and submit the relevant quality inspection report if possible. We will communicate with customers and give discount or replacement / refund once confirmed. Every Omizzur customer service staff has received professional training and they will do their best to help you complete your project.

■ *Returns*

The customer enjoys the right for a replacement of the product for any catalog peptide purchased from Omizzur Biotech or its authorized dealers. We provide identical peptide product without charges if product does not meet the analysis data by peptide detection instrument. This return policy is applicable to pharmaceutical peptides, cosmetic peptides, protected amino acids, etc. For custom peptide synthesis projects, we will help free trial production of difficult peptides, and there will be no charge for failure.

■ *Privacy Policy*

Confidential Agreement will be signed upon request by customer to protect clients information.

Omizzur Biotech LTD

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Inquire & order : service@omizzur.com

Business : info@omizzur.com

Address : 774 Nathan Road, Kowloon

Peninsula, 999077, HongKong

We focus on peptide

We live in hope

CEO of Omizzur:

Eaton Dufresne