



## **Peptide APIs**

Proteins and peptides have a significant and rapidly expanding role as medicines, due to their high affinity, specificity, low toxicity, and ability to alter protein–protein interactions. To date, around 100 therapeutic peptides (mostly innovative synthetic ones) are on the market in the USA, Europe and Japan, including those for diagnostics applications.

- Somatostatin analogs
- Gonadotropin-releasing hormone (GnRH) agonist & antagonists
- Growth hormone-releasing hormone & secretagogues
- Glucagon & Glucagon-like peptide-1 (GLP-1) analogs
- Melanocyte stimulating hormone(MSH) analogs
- Thymosins
- Thyrotropin-releasing factor(TRH)
- Oxytocins
- Calcitonins
- Cholecystokinins
- Brain natriuretic peptide(BNP)
- Adrenocorticotropic hormones(ACTH)
- Parathormones(PTH)

## **Contact Psychopeptide**

### **Email**

order@psychopeptide.com

### **Phone**

(86)-21-6718-1678

### **Address**

Excellence center, Lane 1288, South Wangyuan road, Fengxian district, Shanghai, China

**[www.psychopeptide.com](http://www.psychopeptide.com)**

**Tel: 0086-21-67181678**

**E-mail: [order@psychopeptide.com](mailto:order@psychopeptide.com)**



## Somatostatin analogs

1. Somatostatin  
Cas#: 38916-34-6  
Cat#: 1225002  
Sequence: Ala-Gly-cyclo[Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys]
2. Octreotide  
Cas#: 83150-76-9  
Cat#: 1225003  
Sequence: D-Phe-cyclo[Cys-Phe-D-Trp-Lys-Thr-Cys]-L-threoninol
3. DOTA-tyr3-Octreotide(DOTA-TOC)  
Cas#: 204318-14-9  
Cat#: 1225007  
Sequence: DOTA-D-Phe-cyclo[Cys-Tyr-D-Trp-Lys-Thr-Cys]-L-threoninol
4. DOTA-TATE  
Cas#: --  
Cat#: 1225013  
Sequence: DOTA-D-Phe-cyclo[Cys-Tyr-D-Trp-Lys-Thr-Cys]-Thr
5. Depreotide  
Cas#: 161982-62-3  
Cat#: 1225016  
Sequence:  
Lys-Cys-Lys-(beta-DAP)-CH<sub>2</sub>CO-S-cyclo(hCys-(N-Me)Phe-Tyr-D-Trp-Lys-Val)
6. Lanreotide  
Cas#: 108736-35-2  
Cat#: 1225004  
Sequence: D-2-Nal-cyclo[Cys-Tyr-D-Trp-Lys-Val-Cys]-Thr-NH<sub>2</sub>
7. Pasireotide  
Cas#: 396091-73-9  
Cat#: 1225005  
Sequence:  
Cyclo[Hyp(2-aminoethyl-carbamoyl)-Phg-D-Trp-Lys-Tyr(Bzl)-Phe]



**Gonadotropin-releasing hormone (GnRH) agonist & antagonists**

8. Leuprolide  
Cas#: 74381-53-6  
Cat#: 1224005  
Sequence: Pyr-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHEt
  
9. Triptorelin  
Cas#: 57773-63-4  
Cat#: 1224007  
Sequence: Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH2
  
10. Nafarelin  
Cas#: 76932-56-4  
Cat#: 1224006  
Sequence: Pyr-His-Trp-Ser-Tyr-2Nal-Leu-Arg-Pro-Gly-NH2
  
11. Buserelin  
Cas#: 57982-77-1  
Cat#: 1224002  
Sequence: Pyr-His-Trp-Ser-Tyr-D-Ser(tBu)-Leu-Arg-Pro-NHEt
  
12. Goserelin  
Cas#: 65807-02-5  
Cat#: 1224003  
Sequence: Pyr-His-Trp-Ser-Tyr-D-Ser(OtBu)-Leu-Arg-Pro-AzGly-NH2
  
13. Degarelix  
Cas#: 214766-78-6  
Cat#: 1224010  
Sequence:  
Ac-D-2Nal-D-4Cpa-D-3Pal-Ser-4Aph(L-Hor)-D-4Aph(Cbm)-Leu-Ilys-Pro-D-Ala-NH2
  
14. Abarelix  
Cas#: 183552-38-7  
Cat#: 1224008  
Sequence:  
Ac-D-2Nal-D-Phe(4-Cl)-D-3Pal-Ser-N(Me)Tyr-D-Asn-Leu-Ilys-Pro-D-Ala-NH2



**Growth hormone-releasing hormone & secretagogues**

15. Sermorelin

Cas#: 86168-78-7

Cat#: 1223002

Sequence:

Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH<sub>2</sub>

16. Tesamorelin

Cas#: 901758-09-6

Cat#: 1223010

Sequence:

N-[(3E)-hex-3-enoyl]-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg--Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH<sub>2</sub>

17. GHRP-6

Cas#: 87616-84-0

Cat#: 1223003

Sequence: His-D-Trp-Ala-Trp-D-Phe-Lys-NH<sub>2</sub>

18. Hexarelin

Cas#: 140703-51-1

Cat#: 1223006

Sequence: His-D-2-methyl-Trp-Ala-Trp-D-Phe-Lys-NH<sub>2</sub>

19. Ipamorelin

Cas#: 170851-70-4

Cat#: 1223007

Sequence: Aib-His-D-2-Nal-D-Phe-Lys-NH<sub>2</sub>



## Glucagon & Glucagon-like peptide-1 (GLP-1) analogs

20. Glucagon

Cas#: 19179-82-9

Cat#: 1207001

Sequence:

His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr

21. Glucagon-like peptide 1(7-36) amide

Cas#: 107444-51-9

Cat#: 1208003

Sequence:

His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-NH<sub>2</sub>

22. Exendin-4

Cas#: 141758-74-9

Cat#: 1208007

Sequence:

His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH<sub>2</sub>

23. Liraglutide

Cas#: 204656-20-2

Cat#: 1208004

Sequence:

His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys( $\gamma$ -Glu-palmitoyl)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly

24. Teduglutide

Cas#: 287714-30-1

Cat#: 1209002

Sequence:

His-Gly-Asp-Gly-Ser-Phe-Ser-Asp-Glu-Met-Asn-Thr-Ile-Leu-Asp-Asn-Leu-Ala-Ala-Arg-Asp-Phe-Ile-Asn-Trp-Leu-Ile-Gln-Thr-Lys-Ile-Thr-Asp



**PSYCLO PEPTIDE , INC.**

*Service to solutions*

**藥肽科技 (上海) 有限公司**

### **Melanocyte stimulating hormone (MSH) analogs**

25. Afamelanotide

Cas#: 64887-70-3

Cat#: 1284004

Sequence: Ac-Ser-Tyr-Ser-Nle-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH<sub>2</sub>

26. Melanotan II

Cas#: 121062-08-6

Cat#: 1284005

Sequence: Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys)-NH<sub>2</sub>

27. Bremelanotide

Cas#: 189691-06-3

Cat#: 1284006

Sequence: Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys)-OH

**[www.psyclopeptide.com](http://www.psyclopeptide.com)**

**Tel: 0086-21-67181678**

**E-mail: [order@psyclopeptide.com](mailto:order@psyclopeptide.com)**



## **Thymosins**

**28. Thymosin alpha 1**

Cas#: 62304-98-7

Cat#: 2214003

Sequence:

Ac-Ser-Asp-Ala-Ala-Val-Asp-Thr-Ser-Ser-Glu-Ile-Thr-Thr-Lys-Asp-Leu-Lys-Glu-Lys-Lys-Glu-Val-Val-Glu-Glu-Ala-Glu-Asn

**29. Thymosin Beta 4**

Cas#: 77591-33-4

Cat#: 2214001

Sequence:

Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser

**30. Seraspenide**

Cas#: 120081-14-3

Cat#: 2214002

Sequence: Ac-Ser-Asp-Lys-Pro

**31. Thymopentin**

Cas#: 69558-55-0

Cat#: 2213002

Sequence: Arg-Lys-Asp-Val-Tyr



**PSYCLO PEPTIDE , INC.**

*Service to solutions*

**藥肽科技 (上海) 有限公司**

## **Thyrotropin-releasing factor (TRH)**

### 32. Protirelin

Cas#: 24305-27-9

Cat#: 1201001

Sequence: Pyr-His-Pro-NH<sub>2</sub>

### 33. Taltirelin

Cas#: 201677-75-0

Cat#: 1201002

Sequence: 1-ME-DIO-OH-His-Pro-NH<sub>2</sub>

### 34. NP-355

Cas#: --

Cat#: 1201004

Sequence: Pyr-His(1-Bzl)-Pro-NH<sub>2</sub>





**PSYCHO PEPTIDE , INC.**

*Service to solutions*

**藥肽科技 (上海) 有限公司**

## **Oxytocins**

### 35. Oxytocin

Cas#: 50-56-6

Cat#: 1226001

Sequence: cyclo(Cys-Tyr-Ile-Gln-Asn-Cys)-Pro-Leu-Gly-NH<sub>2</sub>

### 36. Atosiban

Cas#: 90779-69-4

Cat#: 1226003

Sequence: cyclo[Mpr-D-Tyr(Et)-Ile-Thr-Asn-Cys]-Pro-Orn-Gly-NH<sub>2</sub>

### 37. Carbetocin

Cas#: 37025-55-1

Cat#: 1201004

Sequence: cyclo[Butyryl-Tyr(Me)-Ile-Gln-Asn-Cys]-Pro-Leu-Gly-NH<sub>2</sub>



## **Calcitonins**

### 38. Salmon Calcitonin

Cas#: 47931-85-1

Cat#: 1248003

Sequence:

Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln  
-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH<sub>2</sub>

## **Cholecystokinins**

### 39. Sincalide

Cas#: 25126-32-3

Cat#: 1201004

Sequence: Asp-Tyr(SO<sub>3</sub>H)-Met-Gly-Trp-Met-Asp-Phe-NH<sub>2</sub>

## **Brain natriuretic peptide (BNP)**

### 40. Nesiritide

Cas#: 124584-08-3

Cat#: 1230001

Sequence:

Ser-Pro-Lys-Met-Val-Gln-Gly-Ser-Gly-cyclo(Cys-Phe-Gly-Arg-Lys-Met-Asp-Arg-Ile-Ser-Ser-Ser-Ser-Gly-Leu-Gly-Cys)-Lys-Val-Leu-Arg-Arg-His



## **Adrenocorticotropic hormones(ACTH)**

41. Tetracosactide

Cas#: 16960-16-0

Cat#: 1256002

Sequence:

Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val  
-Lys-Val-Tyr-Pro

42. Corticotropin

Cas#: 12279-41-3

Cat#: 1256001

Sequence:

Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val  
-Lys-Val-Tyr-Pro-Asn-Gly-Ala-Glu-Asp-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe

## **Parathormones(PTH)**

43. Teriparatide

Cas#: 99294-94-7

Cat#: 1296001

Sequence:

Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe