

Peptides at a glance

A quick-reference overview of the peptides we cover — grouped by primary use, with a one-line summary of what each one does. An orientation to bring to a licensed provider, not a dosing guide or medical advice.

Peptide	Primary use	What it does
AOD-9604	Weight Loss & Metabolic	A 16-amino-acid piece of growth hormone built to burn fat without hGH's baggage.
Argireline	Recovery & Healing	A six-amino-acid cosmetic peptide that interferes with the same docking machinery botulinum toxin cleaves — competitively, reversibly, and at a fraction of the magnitude.
BPC-157	Recovery & Healing	A pentadecapeptide derived from a protective protein in human gastric juice, prescribed compounded for soft-tissue, joint, and gut-lining repair.
Cerebrolysin	Cognitive & Mood	A brain-derived peptide mixture used routinely in Vienna and Beijing hospitals for stroke and dementia, with no FDA approval and no legal US pharmacy route.
CJC-1295	Performance & Muscle	A long-acting growth hormone-releasing hormone analog that raises GH and IGF-1 for days after a single injection.
Dihexa	Cognitive & Mood	An angiotensin IV analog with striking synaptogenesis numbers in rodents, no human trial of any size, and two of its foundational mechanism papers formally retracted.
Epitalon	Longevity & Anti-Aging	A synthetic four-amino-acid peptide studied for telomere support and pineal function, prescribed compounded in longevity protocols.
GHK-Cu	Recovery & Healing	A copper-bound tripeptide derived from human plasma, used topically for skin firmness, fine lines, and collagen support.
GLP-1 agonists	Weight Loss & Metabolic	The drug class that reshaped metabolic medicine — from glucose control to cardiovascular protection to weight loss in the surgical range.
Ipamorelin	Performance & Muscle	A selective growth hormone secretagogue that triggers pulsatile GH release without raising cortisol or prolactin.
Kisspeptin	Sexual Wellness	The neuropeptide that decides when the reproductive axis fires.
KPV	Recovery & Healing	A three-amino-acid fragment of a hormone your body already makes, with an unusually well-mapped mechanism, zero human trials, and a split FDA committee vote.
Liraglutide	Weight Loss & Metabolic	The first GLP-1 receptor agonist to prove cardiovascular benefit in a randomized trial, now available as Victoza for type 2 diabetes and Saxenda for chronic weight management.

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Matrixyl	Recovery & Healing	A five-amino-acid piece of pro-collagen I with a fatty tail, which nudges fibroblasts into making slightly more collagen over months — a real finding, and a smaller one than the box implies.
Melanotan II	Sexual Wellness	A melanocortin analog that tans skin without sun.
MOTS-c	Longevity & Anti-Aging	A mitochondrial-encoded peptide that activates cellular energy pathways and rises sharply during exercise.
NAD+	Longevity & Anti-Aging	A coenzyme that powers cellular energy and DNA repair, declining measurably with age.
Oxytocin	Sexual Wellness	A nine-amino-acid hormone with a clean mechanism, an FDA approval for labor, and a social-behavior literature whose headline findings did not replicate.
PT-141	Sexual Wellness	A melanocortin-receptor agonist that works in the brain to restore sexual desire.
PTD-DBM	Recovery & Healing	A Yonsei University peptide that releases the brake holding hair follicles in rest, with striking rodent data, Korean cosmetic products, and no human evidence at all.
Retatrutide	Weight Loss & Metabolic	An investigational triple agonist from Eli Lilly that produced the largest weight loss any obesity drug has reported in trials — and that no US pharmacy can legally supply.
Selank	Cognitive & Mood	A synthetic heptapeptide derived from an immune fragment, used for anxiety and cognitive support.
Semaglutide	Weight Loss & Metabolic	A once-weekly GLP-1 receptor agonist that reduces appetite, slows digestion, and supports meaningful weight loss in patients with obesity or overweight plus comorbidities.
Semax	Cognitive & Mood	A heptapeptide derived from ACTH that Russian neurologists prescribe for stroke recovery and American clinicians prescribe compounded for cognitive support.
Sermorelin	Longevity & Anti-Aging	A growth-hormone secretagogue that prompts your pituitary to release GH in natural pulses — used for recovery, body composition, and sleep quality.
TB-500	Recovery & Healing	A synthetic fragment of thymosin beta-4, prescribed compounded for tendon, ligament, and soft-tissue repair.
Tesamorelin	Weight Loss & Metabolic	The only FDA-approved GHRH analog, originally cleared for HIV-associated lipodystrophy and now used off-label for visceral fat reduction, metabolic health, and cognitive support.
Thymalin	Longevity & Anti-Aging	A bovine thymus extract with four decades of Russian clinical use, a coherent mechanism, an FDA warning letter, and no lawful US route.
Tirzepatide	Weight Loss & Metabolic	A dual GIP/GLP-1 receptor agonist delivering weight loss in the range of bariatric surgery's lower band — weekly, subcutaneously, with side effects that are mostly transient.