PeptideBazaar

PEPTIDE GUIDE · OCTOBER 2026

Know every compound. Honestly.

22 peptides for longevity, recovery, metabolic, GH-axis, cognitive and sexual-health programmes — what each one is, how it works, what it has been studied for, and **how strong the evidence actually is.**



/00 — HOW TO READ THE EVIDENCE BADGE

APPROVED MEDICINE
Licensed as a medicine in the US / EU / India for a specific indication.

APPROVED IN RUSSIA
Registered as a medicine in Russia; little data elsewhere.

CLINICAL-STAGE
Tested in human clinical trials but not approved.

LIMITED HUMAN DATA
Some human data, but small or from few research groups.

PRECLINICAL
Cell or animal research only.

BLEND · SEE COMPONENTS
A pre-mixed combination; no studies on the blend itself.

/·· — STORAGE & HANDLING

Unopened vials — refrigerate at 2–8 °C, away from light; freeze for long-term storage.

Reconstitute with bacteriostatic water, run down the vial wall; swirl gently, never shake.

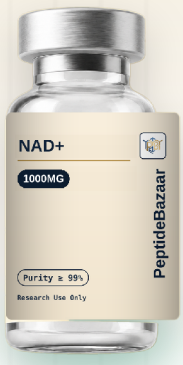
After mixing — keep refrigerated and use within the window on the product sheet (typically up to ~4 weeks).

Check the COA for your batch before use: purity, identity and measured quantity.

LAB_REPORTS

Scan for COAs →

peptidebazaar.in/coa



LONGEVITY · LIMITED HUMAN DATA

NAD+ 500 mg · 1000 mg

WHAT IT IS
Nicotinamide adenine dinucleotide — a coenzyme present in every cell. Tissue levels fall with age.

HOW IT WORKS
Drives cellular energy (redox) metabolism and is the fuel for sirtuin and PARP enzymes involved in DNA repair.

STUDIED FOR
- Age-related NAD+ decline
- Mitochondrial function & fatigue
- Metabolic health

EVIDENCE
Most human trials use oral precursors (NR, NMN); data on injectable/IV NAD+ is small-scale.



LONGEVITY · LIMITED HUMAN DATA

Epithalon 10 mg

WHAT IT IS
Synthetic tetrapeptide (Ala-Glu-Asp-Gly) modelled on epithalamin, a pineal-gland extract.

HOW IT WORKS
Reported in lab studies to activate telomerase and to normalise melatonin secretion rhythms.

STUDIED FOR
- Telomere biology & cellular ageing
- Circadian / melatonin rhythm
- Lifespan in animal models

EVIDENCE
Human data comes largely from one Russian research group; independent replication is limited.



LONGEVITY · PRECLINICAL

MOTS-c 40 mg

WHAT IT IS
16-amino-acid peptide encoded in mitochondrial DNA — a 'mitochondrial-derived peptide'.

HOW IT WORKS
Activates AMPK to regulate glucose and fat metabolism; often described as an exercise-mimetic signal.

STUDIED FOR
- Insulin sensitivity
- Age-related metabolic decline
- Physical capacity in ageing models

EVIDENCE
Mainly animal studies; human work is early-phase.



LONGEVITY · PRECLINICAL

KPV 10 mg

WHAT IT IS
Tripeptide (Lys-Pro-Val) — the anti-inflammatory C-terminal fragment of α-MSH.

HOW IT WORKS
Dampens inflammatory signalling (NF-κB) inside epithelial and immune cells.

STUDIED FOR
- Inflammatory bowel models
- Skin inflammation & wound models
- Gut barrier function

EVIDENCE
Cell and animal studies; no completed human trials.



RECOVERY & REPAIR · PRECLINICAL

BPC-157 10 mg

WHAT IT IS
15-amino-acid synthetic peptide derived from a protective protein in gastric juice.

HOW IT WORKS
Promotes new blood-vessel formation and growth-factor signalling involved in tissue repair.

STUDIED FOR
- Tendon, ligament & muscle healing
- GI mucosal protection
- Wound healing

EVIDENCE
Large body of animal research; human studies are very limited.



RECOVERY & REPAIR · PRECLINICAL

TB-500 10 mg

WHAT IT IS
Synthetic fragment of thymosin β4 covering its actin-binding region.

HOW IT WORKS
Regulates actin in cells, supporting cell migration and angiogenesis during repair.

STUDIED FOR
- Soft-tissue & wound repair
- Cardiac repair models
- Inflammation

EVIDENCE
Animal data for the fragment; full-length thymosin β4 has had early human trials.



RECOVERY & REPAIR · BLEND · SEE COMPONENTS

BB20 BPC-157 10 mg + TB-500 10 mg

WHAT IT IS
Pre-blended BPC-157 and TB-500 in a single lyophilised vial.

HOW IT WORKS
Pairs BPC-157's growth-factor / angiogenic signalling with TB-500's cell-migration effects.

STUDIED FOR
- Soft-tissue repair protocols
- Recovery research
- Single-vial convenience

EVIDENCE
No studies on the combination itself — evidence is that of each component.



RECOVERY & REPAIR · BLEND · SEE COMPONENTS

KLOW Blend 80 mg (GHK-Cu + BPC + TB + KPV)

WHAT IT IS
Four-way blend: GHK-Cu, BPC-157, TB-500 and KPV in one vial.

HOW IT WORKS
Combines collagen remodelling (GHK-Cu), repair signalling (BPC/TB) and anti-inflammatory action (KPV).

STUDIED FOR
- Combined repair & remodelling
- Skin and soft-tissue research
- Inflammation resolution

EVIDENCE
No studies on the combination itself — evidence is that of each component.



RECOVERY & REPAIR · LIMITED HUMAN DATA

GHK-Cu 100 mg

WHAT IT IS
Naturally occurring copper tripeptide (Gly-His-Lys) found in plasma; levels decline with age.

HOW IT WORKS
Stimulates collagen and glycosaminoglycan synthesis and shifts gene expression toward tissue remodelling.

STUDIED FOR
- Skin ageing & collagen
- Wound healing
- Hair follicle research

EVIDENCE
Human evidence is mostly topical/cosmetic; injectable data is largely preclinical.



METABOLIC · CLINICAL-STAGE

Retatrutide 10 mg · 30 mg

WHAT IT IS
Triple agonist of the GIP, GLP-1 and glucagon receptors (Eli Lilly, LY3437943).

HOW IT WORKS
Reduces appetite and improves glucose control, while glucagon-receptor action raises energy expenditure.

STUDIED FOR
- Obesity — up to ~24% mean weight loss at 48 weeks (Phase 2, NEJM 2023)
- Type 2 diabetes
- Fatty liver (MASLD)

EVIDENCE
In Phase 3 development (TRIUMPH programme).



METABOLIC · APPROVED MEDICINE

Tirzepatide 30 mg

WHAT IT IS
Dual GIP / GLP-1 receptor agonist — the active ingredient of Mounjaro / Zepbound.

HOW IT WORKS
Mimics two gut hormones to reduce appetite, slow gastric emptying and improve insulin response.

STUDIED FOR
- Type 2 diabetes
- Obesity — ~20% mean weight loss (SURMOUNT-1)
- Obstructive sleep apnoea

EVIDENCE
Approved in the US, EU and India (as branded Mounjaro).



METABOLIC · PRECLINICAL

SLU-PP-332 5 mg

WHAT IT IS
Synthetic small molecule (not a peptide) that activates oestrogen-related receptors (ERRα/β/γ).

HOW IT WORKS
Switches on mitochondrial biogenesis and fat oxidation — an 'exercise mimetic' in mice.

STUDIED FOR
- Obesity & metabolic models
- Endurance capacity in mice
- Muscle mitochondrial function

EVIDENCE
Mouse studies only; no human data.



GROWTH HORMONE AXIS · CLINICAL-STAGE

Ipamorelin 10 mg

WHAT IT IS
Selective growth-hormone secretagogue acting on the ghrelin receptor.

HOW IT WORKS
Triggers a GH pulse with little effect on cortisol or prolactin in published studies.

STUDIED FOR
- GH release
- Post-operative ileus (Phase 2)
- Body composition

EVIDENCE
Reached Phase 2 (post-operative ileus) but did not meet its endpoint; not approved.



GROWTH HORMONE AXIS · LIMITED HUMAN DATA

CJC-1295 (No DAC) 10 mg

WHAT IT IS
Modified GRF(1-29) — a stabilised analogue of growth-hormone-releasing hormone.

HOW IT WORKS
Stimulates the pituitary to release GH in natural pulses; short half-life (~30 min).

STUDIED FOR
- GH-axis stimulation
- Pairing with GHRPs (e.g. Ipamorelin)
- Body composition

EVIDENCE
The DAC version had early human trials; data on the no-DAC form is limited.



GROWTH HORMONE AXIS · BLEND · SEE COMPONENTS

CJC-1295 + Ipamorelin 10 mg blend

WHAT IT IS
Pre-blended GHRH analogue (CJC-1295 no DAC) and GHRP (Ipamorelin).

HOW IT WORKS
Two complementary signals — GHRH plus ghrelin-receptor agonism — amplify each GH pulse.

STUDIED FOR
- Pulsatile GH research
- Sleep & recovery
- Lean-mass research

EVIDENCE
No studies on the combination itself — evidence is that of each component.



GROWTH HORMONE AXIS · APPROVED MEDICINE

Tesamorelin 10 mg

WHAT IT IS
Stabilised GHRH analogue — the active ingredient of Egrifta.

HOW IT WORKS
Raises GH and IGF-1 through the pituitary, preferentially reducing visceral (abdominal) fat.

STUDIED FOR
- Visceral fat reduction
- Liver fat
- Cognition (small trials)

EVIDENCE
FDA-approved for excess abdominal fat in HIV-associated lipodystrophy.



GROWTH HORMONE AXIS · PRECLINICAL

IGF-1 LR3 1 mg

WHAT IT IS
Long R3 IGF-1 — an 83-amino-acid IGF-1 analogue with reduced binding-protein affinity.

HOW IT WORKS
Stays active far longer than native IGF-1, driving cell growth and proliferation.

STUDIED FOR
- Cell-culture growth (bioprocessing)
- Muscle growth models
- Anabolic signalling

EVIDENCE
A laboratory reagent; no human clinical studies.



COGNITIVE · APPROVED IN RUSSIA

Semax 10 mg

WHAT IT IS
Synthetic analogue of ACTH(4-10) extended with Pro-Gly-Pro.

HOW IT WORKS
Increases BDNF expression and modulates dopamine/serotonin systems in the brain.

STUDIED FOR
- Stroke recovery
- Cognitive function & focus
- Neuroprotection

EVIDENCE
Registered in Russia (nasal drops); limited data outside Russia.



COGNITIVE · APPROVED IN RUSSIA

Selank 10 mg

WHAT IT IS
Synthetic analogue of tuftsin, an immunomodulatory peptide.

HOW IT WORKS
Modulates GABA-A signalling and enkephalin breakdown — anxiolytic without sedation in studies.

STUDIED FOR
- Anxiety
- Stress & cognition
- Immune modulation

EVIDENCE
Registered in Russia as an anxiolytic; limited data outside Russia.



COGNITIVE · PRECLINICAL

Pinealon 10 mg

WHAT IT IS
Short tripeptide (Glu-Asp-Arg) from the Khavinson 'bioregulator' series.

HOW IT WORKS
Proposed to act directly on gene expression in neurons, protecting against oxidative stress.

STUDIED FOR
- Neuroprotection in ageing models
- Circadian regulation
- Cognitive ageing

EVIDENCE
Mostly small Russian studies; little independent data.



SEXUAL HEALTH · APPROVED MEDICINE

PT-141 10 mg

WHAT IT IS

Bremelanotide — melanocortin-4 receptor agonist, active ingredient of Vyleesi.

HOW IT WORKS

Acts in the brain (not the blood vessels) on pathways governing sexual desire and arousal.

STUDIED FOR

- Low sexual desire (HSDD) in women
- Erectile function research in men
- Central arousal pathways

EVIDENCE

FDA-approved (2019) for HSDD in premenopausal women.



SEXUAL HEALTH · CLINICAL-STAGE

Kisspeptin 10 mg

WHAT IT IS

Kisspeptin-10 — the hypothalamic neuropeptide that gates the reproductive axis.

HOW IT WORKS

Stimulates GnRH release, which in turn drives LH and FSH from the pituitary.

STUDIED FOR

- Reproductive hormone axis
- IVF egg-maturation trigger trials
- Low testosterone research

EVIDENCE

Studied in human clinical research; not an approved medicine.