



5-AMINO-1MQ

NNMT-INHIBITING METABOLIC COMPOUND

NAD⁺ Metabolism • Energy Expenditure • Body Comp
Lipid Metabolism • Metabolic Health

"5-Amino-1MQ targets a metabolic bottleneck. By inhibiting NNMT, it may preserve nicotinamide for NAD⁺ production and shift cellular metabolism away from energy storage."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy NAD⁺ metabolism
- Promotes efficient cellular energy production
- Supports healthy lipid metabolism
- May reduce excess fat accumulation
- Supports healthy body composition
- Promotes healthy metabolic flexibility
- May support insulin responsiveness



HOW IT WORKS

NNMT INHIBITION

Blocks NNMT, an enzyme involved in nicotinamide metabolism.

NAD⁺ PRESERVATION

Helps preserve nicotinamide for the NAD⁺ salvage pathway.

LIPID METABOLISM

May reduce liver fat storage and support healthier lipid handling.

ENERGY EXPENDITURE

Supports metabolic pathways involved in cellular energy use.

BODY COMPOSITION

May support lower fat mass while preserving lean tissue.

TOGETHER THESE MECHANISMS

Support NAD⁺ availability, metabolism, and healthy body composition.



TARGET AREAS



BODY
COMPOSITION



ENERGY
PRODUCTION



INSULIN
SENSITIVITY



NAD⁺
METABOLISM



LEAN MUSCLE
SUPPORT



METABOLISM



LIPID
METABOLISM



MITOCHONDRIAL
HEALTH



HOW IT'S TAKEN



SUBCUTANEOUS • ORAL



TYPICAL DOSING

2.5 mg 1 -2 x daily



PAIRS WELL WITH

- MOTS-c
- SS-31
- Retatrutide
- AOD-9604
- Tesamorelin
- CJC / Ipamorelin

Co-Factors

- Nicotinamide
- Magnesium
- Creatine
- CoQ10
- Protein Intake
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cellular & animal studies suggest that NNMT inhibition increases NAD⁺ availability, influences lipid metabolism, and improves body-comp markers. There are no published peer-reviewed human clinical trials establishing safety, efficacy, pharmacokinetics, or standardized dosing.



ABALOPARATIDE

ANABOLIC BONE-BUILDING PEPTIDE

Bone Formation • Bone Density • Skeletal Strength
Fracture Protection • Healthy Aging

"Abaloparatide uses brief PTH1-receptor signaling to activate osteoblasts and build stronger bone without continuously driving bone turnover."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Stimulates new bone formation and remodeling
- Increases bone mineral density and strength
- Supports healthy osteoblast number and activity
- Improves trabecular bone microarchitecture
- Reduces vertebral and nonvertebral fracture risk
- Supports stronger skeletal structure with age
- Helps preserve mobility through healthier bones



HOW IT WORKS

PTH1 RECEPTOR

Activates PTH1 receptors on osteoblasts and bone-forming precursor cells.

TRANSIENT SIGNALING

Produces brief receptor signaling that favors bone formation over resorption.

OSTEOBLAST ACTIVITY

Increases the number and activity of cells responsible for building bone.

BONE MATRIX

Supports formation and mineralization of healthy new bone matrix.

SKELETAL STRENGTH

Improves bone density, microarchitecture, and resistance to fracture.

TOGETHER THESE MECHANISMS

Support new bone formation, stronger skeletal structure, and reduced fracture risk.



TARGET AREAS



BONE DENSITY



BONE FORMATION



BONE HEALTH



SKELETAL STRENGTH



FRACTURE PROTECTION



MOBILITY & STABILITY



HEALTHY AGING



BONE REMODELING



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

80 mcg daily • 2-year lifetime maximum



PAIRS WELL WITH

- Cartalax
- KLOW
- GHK-Cu
- NAD+
- SS-31
- Glutathione

Co-Factors

- Calcium
- Vitamin D3
- Vitamin K2
- Magnesium
- Protein Intake
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

FDA-approved as TYMLOS® for osteoporosis in adults at high fracture risk. The recommended dose of 80 mcg once daily should not be exceeded. **Treatment beyond 2 cumulative lifetime years is not recommended** because long-term safety and effectiveness have not been established, with additional concern from osteosarcoma findings in animal studies.



ADAMAX

STABILIZED SEMAX - COGNITIVE COMPOUND

Focus • Neuroplasticity • Memory
Cognitive Performance • Neuroprotection

"Adamax builds on the Semax framework with structural modifications designed to improve stability and brain exposure, but its proposed cognitive effects remain highly experimental."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports sustained focus and mental clarity
- May promote healthy learning and memory
- Supports adaptive brain neuroplasticity
- May encourage healthy BDNF-related signaling
- Supports stronger cognitive performance under stress
- May promote neurological resilience and protection
- Is designed for greater metabolic stability than Semax



HOW IT WORKS

SEMAX-DERIVED SIGNAL

Builds on the neurotropic signaling framework associated with Semax.

BDNF SUPPORT

May support BDNF-related pathways involved in learning and plasticity.

NEURAL CONNECTIVITY

May strengthen signaling involved in synaptic communication and memory.

ENHANCED STABILITY

Structural modifications are intended to resist enzymatic degradation.

BRAIN EXPOSURE

The adamantane component is designed to improve lipophilicity and brain penetration.

TOGETHER THESE MECHANISMS

May support sustained neurotrophic signaling, cognitive performance, and neural resilience.



TARGET AREAS



FOCUS



MEMORY



NEURO-PLASTICITY



COGNITIVE PERFORMANCE



BRAIN HEALTH



MENTAL CLARITY



NEURO-PROTECTION



SYNAPTIC HEALTH



HOW IT'S TAKEN



INTRANASAL &
SUBCUTANEOUS



TYPICAL DOSING

Nasal 300-900 mcg 2-3 times daily
SubQ 200-500 mcg daily



PAIRS WELL WITH

- Selank
- PE-22-28
- SS-31
- NAD+
- Epitalon
- DSIP

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- Citicoline
- Phosphatidylserine
- NAC



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles. Follow formulation-specific instructions.



EVIDENCE LEVEL

Promising mechanistic rationale, but very limited direct evidence. Adamax has no established human clinical data, and its proposed cognitive effects are inferred mainly from Semax biology, structural design, and nonclinical research.



ADIPOTIDE

ADIPOSE-VASCULAR TARGETING PEPTIDE

Fat Reduction • Adipose Targeting • Metabolic Health
Insulin Sensitivity • Body Composition

"Adipotide does not primarily suppress appetite or increase metabolism; it targets the blood supply supporting subcutaneous fat tissue and induces vascular cell death."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Produces substantial fat-mass reduction in obese animal models
- Preferentially reduces subcutaneous fat tissue
- May improve insulin sensitivity during fat reduction
- Has improved glucose handling in preclinical models
- Can reduce circulating insulin requirements in obesity models
- Produces weight loss w/o requiring increased energy expenditure
- Demonstrates targeted adipose-vascular selectivity



HOW IT WORKS

ADIPOSE TARGETING

Binds vascular markers enriched on blood vessels supplying white fat tissue.

CELL ENTRY

Carries its pro-apoptotic payload into targeted vascular endothelial cells.

MITOCHONDRIAL DISRUPTION

Damages endothelial mitochondria and triggers programmed cell death.

BLOOD-SUPPLY LOSS

Reduces capillary support to white adipose tissue, leading to fat-cell loss.

METABOLIC CHANGE

Fat reduction is accompanied by improved glucose and insulin signaling in animal models.

TOGETHER THESE MECHANISMS

Reduce white-fat mass by selectively disrupting the blood vessels that sustain adipose tissue.



TARGET AREAS



BODY
COMPOSITION



ADIPOSE
TISSUE



INSULIN
SENSITIVITY



VISCERAL
FAT



FAT
REDUCTION



GLUCOSE
CONTROL



METABOLIC
HEALTH



WEIGHT
REGULATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

250-1000 mcg daily for 4 weeks MAX
4 weeks off MIN



PAIRS WELL WITH

- CJC/IPA
- Tesamorelin
- AOD-9604
- 5-Amino-1MQ
- MOTS-c
- Retatrutide

Co-Factors

- Protein
- Vitamin D3
- Creatine
- Omega-3
- Magnesium
- Electrolytes



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Adipotide produced substantial fat loss & improved insulin resistance in obese rodents and primates. But it caused **dose-dependent proximal kidney-tubule injury** in primate studies. The effective research dose overlapped with doses showing renal toxicity, creating a narrow safety margin. Physician oversight & kidney-function monitoring are strongly recommended.



AOD-9604

METABOLIC GROWTH HORMONE FRAGMENT

Lipid Metabolism • Fat Mobilization • Body Composition
Metabolic Support • Energy Utilization

"AOD-9604 isolates the fat-metabolism region of growth hormone. Its purpose is metabolic signaling, without raising GH or IGF-1, supporting fat metabolism without the growth-promoting effects of full GH."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports the breakdown of stored fat
- May reduce new fat formation
- Supports healthy lipid metabolism
- Promotes fat utilization for energy
- Supports healthy body composition
- Does not significantly increase IGF-1
- Provides metabolic signaling without full GH activity



HOW IT WORKS

GH FRAGMENT

Uses the metabolic region of growth hormone without full GH signaling.

LIPOLYSIS

Promotes the breakdown of stored triglycerides into fatty acids.

ANTI-LIPOGENESIS

May reduce pathways involved in forming and storing new fat.

FAT UTILIZATION

Supports the release and use of fatty acids for energy.

IGF-1 INDEPENDENCE

Acts without significantly increasing GH or IGF-1 activity.

TOGETHER THESE MECHANISMS

Support lipid metabolism, fat mobilization, and healthy body composition.



TARGET AREAS



BODY
COMPOSITION



ENERGY
PRODUCTION



INSULIN
SENSITIVITY



HEALTHY
AGING



FAT
UTILIZATION



METABOLISM



LIPID
METABOLISM



ACTIVE
PERFORMANCE



HOW IT'S TAKEN



SUBCUTANEOUS • ORAL



TYPICAL DOSING

SubQ 300 - 500 mcg daily
Oral 0.25 - 1 mg daily



PAIRS WELL WITH

- MOTS-c
- SS-31
- Retatrutide
- 5-Amino-1MQ
- Tesamorelin
- CJC / Ipamorelin

Co-Factors

- Omega-3
- Magnesium
- Creatine
- Aerobic Exercise
- Protein Intake
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles. Follow formulation-specific instructions.



EVIDENCE LEVEL

AOD-9604 has undergone human clinical testing and demonstrated generally favorable short-term tolerability. It remains an unapproved investigational peptide with limited long-term safety data.



ARA-290

NERVE-PROTECTIVE REPAIR PEPTIDE

Nerve Health • Neuroprotection • Neuropathic Comfort
Inflammatory Balance • Tissue Resilience

"ARA-290 separates EPO's repair signal from its blood-building effects, activating an innate repair pathway that protects stressed nerves and supports recovery."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports small-fiber nerve health and function
- Promotes neurological protection during cellular stress
- Supports healthier inflammatory signaling around nerves
- May reduce neuropathic discomfort and sensitivity
- Encourages nerve-fiber repair and regeneration
- Supports cellular survival following tissue injury
- Promotes broader tissue resilience under stress



HOW IT WORKS

INNATE REPAIR RECEPTOR

Activates the tissue-protective innate repair receptor on stressed cells.

NERVE PROTECTION

Supports survival signaling in neurons exposed to inflammatory or metabolic stress.

INFLAMMATORY BALANCE

Helps reduce excessive cytokine and microglial inflammatory activity.

PAIN SIGNALING

May reduce abnormal TRPV1 activity involved in neuropathic sensitivity.

CELLULAR REPAIR

Activates pathways that support cell survival, repair, and tissue resilience.

TOGETHER THESE MECHANISMS

Support nerve protection, inflammatory balance, and recovery from neurological stress.



TARGET AREAS



PAIN &
COMFORT



CELLULAR
RESILIENCE



NERVE
HEALTH



SENSORY
FUNCTION



INFLAMMATION
REDUCTION



TISSUE
REPAIR



NEUROLOGICAL
RECOVERY



NEURO-
PROTECTION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

4mg daily



PAIRS WELL WITH

- BPC-157
- GHK-Cu
- KPV
- SS-31
- Semax
- NAD+

Co-Factors

- Omega-3
- Alpha-Lipoic Acid
- Magnesium
- NAC
- Vitamin B12
- Acetyl-L-Carnitine



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

ARA-290 has Phase II human research supporting tissue-protective signaling and benefits in small-fiber neuropathy. Short-term tolerability has been favorable, but larger confirmatory trials and standardized clinical protocols remain limited. It is not FDA-approved.



BPC-157

BODY-WIDE REPAIR PEPTIDE

Tendon Repair • Gut Protection • Angiogenesis
Tissue Recovery • Inflammation Balance

"BPC-157 doesn't appear to function as a traditional growth factor. Instead, it acts like a repair coordinator, helping injured tissues restore structure, blood supply, and cellular communication."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports tendon and ligament repair
- Promotes muscle and soft tissue recovery
- Supports gastrointestinal lining integrity
- Encourages healthy blood vessel formation
- Helps maintain a balanced inflammatory response
- Supports nerve recovery following injury
- Promotes connective tissue remodeling



HOW IT WORKS

TISSUE REPAIR

Supports cellular repair signaling involved in ligament, muscle, and connective tissue healing.

ANGIOGENESIS

Promotes healthy blood vessel formation to improve oxygen and nutrient delivery.

COLLAGEN REMODELING

Supports organized collagen synthesis and extracellular matrix remodeling.

GUT PROTECTION

Supports gastrointestinal mucosal integrity and healthy barrier function.

INFLAMMATION BALANCE

Helps maintain a balanced inflammatory environment during tissue recovery.

TOGETHER THESE MECHANISMS

Create a coordinated environment for tissue repair, recovery and musculoskeletal health.



TARGET AREAS



HOW IT'S TAKEN

SUBCUTANEOUS • ORAL



TYPICAL DOSING

0.5 – 1 mg 1 – 3 times daily



PAIRS WELL WITH

- TB-500
- KPV
- GHK-CU
- SS-31
- MOTS-C
- CJC/Ipamorelin

Co-Factors

- Collagen Peptides
- Hyaluronic Acid
- Vitamin C
- Magnesium
- Omega-3
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Extensive preclinical evidence supports its role in tissue repair, angiogenesis, and gastrointestinal protection. Human clinical evidence remains limited. BPC-157 should currently be viewed as an investigational research peptide.



BRONCHOGEN

LUNG PEPTIDE BIOREGULATOR

Lung Health • Airway Protection • Epithelial Repair
Respiratory Defense • Healthy Aging

"Bronchogen supports the lung's protective lining by regulating gene programs involved in epithelial renewal, surfactant production, and inflammatory balance."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy bronchial epithelial function
- Promotes restoration of the airway lining
- Supports balanced respiratory inflammation
- Encourages healthy surfactant production
- Supports normal mucociliary clearance
- Promotes local respiratory immune defense
- Supports lung resilience during aging



HOW IT WORKS

GENE REGULATION

Influences gene programs involved in lung-cell maintenance and differentiation.

EPITHELIAL RENEWAL

Supports restoration of bronchial and alveolar epithelial cells.

SURFACTANT SUPPORT

Promotes surfactant proteins involved in healthy alveolar stability.

MUCOCILIARY CLEARANCE

Supports ciliated cells and normal respiratory mucus clearance.

INFLAMMATORY BALANCE

May reduce excessive cytokine and neutrophil activity in lung tissue.

TOGETHER THESE MECHANISMS

Support airway integrity, respiratory defense, and healthier lung-tissue aging.



TARGET AREAS



LUNG
HEALTH



AIRWAY
PROTECTION



RESPIRATORY
DEFENSE



MUCOSAL
HEALTH



HEALTHY
AGING



EPITHELIAL
REPAIR



INFLAMMATORY
BALANCE



AIRWAY
CLEARANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10-20 days
Cycled 2-4 times a year



PAIRS WELL WITH

- KLOW
- Chonluten
- SS-31
- Thymosin Alpha-1
- Glutathione
- ARA-290

Co-Factors

- NAC
- Omega-3
- Vitamin D3
- Vitamin C
- Magnesium
- Quercetin



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Animal & cellular studies suggest that Bronchogen supports bronchial epithelial remodeling, surfactant production, mucociliary function, and inflammatory balance. Human safety, standardized dosing, and controlled clinical efficacy remain unestablished.



CARDIOGEN

CARDIAC PEPTIDE BIOREGULATOR

Heart Health • Cardiac Resilience • Cellular Repair
Healthy Circulation • Cardiac Aging

"Cardiogen supports heart-tissue resilience by influencing gene programs involved in cardiomyocyte survival, structural integrity, and cardiac remodeling."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy cardiomyocyte function and survival
- Promotes structural resilience in cardiac tissue
- Encourages healthy myocardial-cell renewal
- Helps regulate cardiac stress-response pathways
- May reduce excessive cardiomyocyte apoptosis
- Supports healthier post-stress cardiac remodeling
- Promotes long-term heart-tissue resilience



HOW IT WORKS

GENE REGULATION

Influences gene-expression programs involved in cardiac structure and repair.

CELLULAR STRUCTURE

Supports proteins that maintain cardiomyocyte shape and mechanical integrity.

CELL SURVIVAL

May reduce apoptosis signaling in stressed myocardial cells.

CARDIAC RENEWAL

Promotes cardiomyocyte proliferation in preclinical tissue models.

TISSUE REMODELING

May support healthier myocardial remodeling following cellular stress.

TOGETHER THESE MECHANISMS

Support cardiac-cell survival, structural integrity, and healthier heart-tissue aging.



TARGET AREAS



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10-20 days
Cycled 2-4 times a year



PAIRS WELL WITH

- Vesugen
- VIP
- SS-31
- KLOW
- Glutathione
- ARA-290

Co-Factors

- CoQ10
- Magnesium
- Taurine
- L-Carnitine
- Omega-3
- Potassium-Rich Foods



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cardiogen has organotypic, cellular, and animal research involving cardiomyocyte proliferation, apoptosis regulation, structural proteins, and myocardial remodeling. human pharmacokinetic, safety, dosing, and clinical-outcome data remain very limited.



CARTALAX

CARTILAGE PEPTIDE BIOREGULATOR

Cartilage Health • Joint Support • Collagen
Mobility • Connective Tissue

"Cartalax is designed to support cartilage from within by influencing gene-expression programs tied to collagen production, cellular aging, and matrix integrity."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy cartilage-cell function
- Promotes collagen and matrix production
- Helps maintain joint structure and resilience
- Supports connective-tissue integrity with age
- May reduce cartilage-degrading enzyme activity
- Encourages healthier cellular renewal patterns
- Supports mobility and long-term joint function



HOW IT WORKS

GENE REGULATION

Influences gene-expression programs involved in cartilage maintenance and aging.

COLLAGEN SUPPORT

Promotes collagen and extracellular-matrix synthesis in connective-tissue cells.

MMP-9 CONTROL

May reduce MMP-9 activity associated with matrix and collagen breakdown.

CELL SURVIVAL

Supports healthier proliferation while reducing apoptosis and senescence signals.

MATRIX RESILIENCE

Helps preserve cartilage structure during mechanical and inflammatory stress.

TOGETHER THESE MECHANISMS

Support cartilage integrity, connective-tissue resilience, and healthier joint aging.



TARGET AREAS



PAIN &
COMFORT



JOINT
HEALTH



COLLAGEN
SUPPORT



HEALTHY
AGING



CARTILAGE
HEALTH



MOBILITY &
FLEXIBILITY



BONE
HEALTH



CONNECTIVE
TISSUE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10-20 days
Cycled 2-4 times a year



PAIRS WELL WITH

- BPC-157
- TB-500
- GHK-Cu
- KPV
- SS-31
- ARA-290

Co-Factors

- Vitamin C
- Magnesium
- Hyaluronic Acid
- Collagen Peptides
- Omega-3
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cartalax has cellular, animal, and limited regional clinical research involving cartilage, fibroblasts, collagen synthesis, matrix degradation, and cellular aging. However, large randomized human trials, standardized dosing, and long-term safety data remain limited.



CHONLUTEN

BRONCHIAL MUCOSA BIOREGULATOR

Bronchial Health • Mucosal Protection • Airway Balance
Respiratory Defense • Cellular Resilience

"Chonluten helps regulate the bronchial lining by supporting mucosal integrity, stress-response genes, and balanced inflammatory signaling."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy bronchial-mucosa function
- Promotes stronger airway epithelial integrity
- Helps regulate respiratory inflammatory signaling
- Supports healthier mucus characteristics and clearance
- Encourages antioxidant and cellular stress defenses
- Supports bronchial-cell survival during inflammation
- Promotes long-term respiratory tissue resilience



TARGET AREAS



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10-20 days
Cycled 2-4 times a year



HOW IT WORKS

GENE REGULATION

Modulates genes involved in airway inflammation, stress response, and tissue maintenance.

CYTOKINE BALANCE

Helps regulate TNF- α , IL-6, and related inflammatory signaling pathways.

MUCOSAL INTEGRITY

Supports the structure and function of the bronchial mucosal lining.

STRESS RESPONSE

Promotes antioxidant enzymes and HSP70-related cellular protection.

CELL SURVIVAL

Helps balance proliferation and apoptosis in stressed bronchial cells.

TOGETHER THESE MECHANISMS

Support bronchial integrity, inflammatory balance, and respiratory tissue resilience.



PAIRS WELL WITH

- Bronchogen
- ARA-290
- KLOW
- Thymosin Alpha-1
- SS-31
- Glutathione

Co-Factors

- NAC
- Omega-3
- Quercetin
- Vitamin C
- Vitamin D3
- Magnesium



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cellular & animal studies suggest that Chonluten supports bronchial-mucosa integrity, inflammatory regulation, antioxidant defenses, and epithelial stress responses. controlled human efficacy, standardized dosing, and long-term safety remain poorly established.



CJC/IPA (NO DAC)

GROWTH HORMONE SIGNALING BLEND

Growth Hormone Support • Recovery • Lean Muscle
Sleep • Body Composition

"Growth hormone isn't meant to stay elevated all day, it's released in pulses. CJC-1295 and Ipamorelin work through complementary pathways to support the body's own growth hormone rhythm rather than replacing it."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports natural growth hormone release
- Promotes recovery following training
- Supports lean muscle maintenance
- Encourages healthy body composition
- Supports restorative sleep quality
- Promotes healthy IGF-1 signaling
- Supports healthy aging and recovery



HOW IT WORKS

CJC-1295

Growth Hormone Signaling • IGF-1 Support • Recovery
Lean Mass • Sleep

IPAMORELIN

Ghrelin Signaling • GH Pulse • Recovery • Body
Composition • Sleep

DUAL PATHWAY ACTIVATION

CJC activates GHRH receptors while Ipa stimulates ghrelin receptors, providing complementary signals.

IGF-1 SUPPORT

The resulting GH pulses promote IGF-1 production involved in body comp and tissue maintenance.

RECOVERY & SLEEP

GH release during sleep supports recovery, tissue repair, and normal metabolic function.

TOGETHER THESE MECHANISMS

Combine GHRH and ghrelin signaling for coordinated endogenous GH support.



TARGET AREAS



METABOLISM



SLEEP
QUALITY



GH
SUPPORT



RECOVERY &
REPAIR



LEAN MUSCLE
GROWTH



BODY
COMPOSITION



POWER &
STRENGTH



PERFORMANCE
& ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100–600 mcg nightly (fasted)
12 week cycle • 4 week break



PAIRS WELL WITH

- BPC-157
- TB-500
- GHK-Cu
- Retatrutide
- MOTS-c
- SS-31

Co-Factors

- Protein Intake
- Creatine
- Magnesium
- Zinc
- Vitamin D3
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Preclinical and early human studies demonstrate that CJC-1295/Ipamorelin stimulate GH release through complementary pathways. Mechanistic evidence is strong, but the combination should be considered an investigational research protocol.



CJC-1295 (NO DAC)

SHORT-ACTING GH SIGNALING PEPTIDE

Growth Hormone Support • Recovery • Lean Muscle
Sleep • Body Composition

"CJC-1295 without DAC is designed to work with the body's natural rhythm. Rather than producing prolonged stimulation, it supports physiologic growth hormone pulses that more closely resemble normal endocrine signaling."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports natural growth hormone release
- Promotes healthy IGF-1 production
- Supports recovery following exercise
- Encourages lean muscle maintenance
- Supports healthy body composition
- Supports restorative sleep quality
- Supports healthy aging and recovery



HOW IT WORKS

GHRH RECEPTOR

Stimulates GHRH receptors to support natural growth hormone release.

GH PULSES

Supports physiologic GH pulses that resemble the body's normal secretion pattern.

SHORT-ACTING SIGNAL

Rapid clearance allows natural GH rhythms to resume between doses.

IGF-1 SUPPORT

Promotes healthy IGF-1 production associated with recovery and tissue maintenance.

RECOVERY & BODY COMPOSITION

Supports recovery, lean body composition, and healthy aging.

TOGETHER THESE MECHANISMS

Supports physiologic GH pulses through GHRH signaling.



TARGET AREAS



METABOLISM



SLEEP
QUALITY



GH
SUPPORT



HEALTHY
AGING



LEAN MUSCLE
GROWTH



BODY
COMPOSITION



RECOVERY &
REPAIR



PERFORMANCE
& ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100–600 mcg nightly (fasted)
12 week cycle • 4 week break



PAIRS WELL WITH

- Ipamorelin
- BPC-157
- TB-500
- Retatrutide
- MOTS-c
- SS-31

Co-Factors

- Protein Intake
- Creatine
- Magnesium
- Zinc
- Vitamin D3
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Preclinical research demonstrates that CJC-1295 (No DAC) stimulates endogenous GH release through GHRH receptor activation while preserving physiologic pulsatility. Mechanistic evidence is well established but it is still an investigational research peptide.



CJC-1295^(WITH DAC)

LONG-ACTING GH SIGNALING PEPTIDE

Growth Hormone Support • Recovery • Lean Muscle
Sleep • Body Composition

"The addition of DAC changes the strategy. Rather than amplifying individual growth hormone pulses, CJC-1295 DAC provides sustained GHRH stimulation, creating a longer-lasting anabolic environment."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports sustained growth hormone signaling
- Promotes healthy IGF-1 production
- Supports lean muscle maintenance
- Encourages healthy body composition
- Supports restorative sleep quality
- Supports recovery following exercise
- Supports healthy aging and recovery



HOW IT WORKS

CJC-1295 DAC

Long-Acting GH Support • Sustained IGF-1 • Recovery • Lean Mass • Healthy Aging

IPAMORELIN

Ghrelin Signaling • GH Pulse • Recovery • Body Composition • Sleep

ALBUMIN BINDING [DAC]

DAC binds albumin, extending CJC-1295 activity and supporting prolonged GHRH signaling.

SUSTAINED GH SIGNALING

Combined GHRH and ghrelin signaling supports sustained GH and IGF-1 activity.

RECOVERY & BODY COMPOSITION

Supports recovery, lean body composition, and healthy tissue maintenance.

TOGETHER THESE MECHANISMS

Provides prolonged GH support through albumin binding.



TARGET AREAS



METABOLISM



SLEEP QUALITY



GH SUPPORT



RECOVERY & REPAIR



LEAN MUSCLE GROWTH



BODY COMPOSITION



POWER & STRENGTH



PERFORMANCE & ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

1-2 mg weekly (fasted)
12 week cycle • 4 week break



PAIRS WELL WITH

- Ipamorelin
- BPC-157
- TB-500
- Retatrutide
- MOTS-c
- SS-31

Co-Factors

- Protein Intake
- Creatine
- Magnesium
- Zinc
- Vitamin D3
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Early human studies demonstrate that CJC-1295 DAC produces sustained elevations in GH and IGF-1 through prolonged albumin binding, with effects lasting several days. The combination should be considered an investigational research protocol.



CORTAGEN

BRAIN PEPTIDE BIOREGULATOR

Brain Health • Neuroprotection • Nerve Recovery
Cognitive Resilience • Healthy Aging

"Cortagen supports brain and nerve resilience by influencing gene-expression programs involved in cellular repair, stress response, and neurological recovery."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy brain-cell function and resilience
- Promotes protection during neurological stress
- Supports peripheral nerve repair and signaling
- Encourages healthier cognitive function with age
- Helps regulate oxidative and inflammatory stress
- Supports neurological recovery after tissue injury
- Promotes long-term nervous-system resilience



HOW IT WORKS

GENE REGULATION

Influences gene-expression programs involved in neural repair and cellular stress response.

CHROMATIN ACCESS

May support chromatin changes that reactivate protective cellular pathways.

NERVE REGENERATION

Supports peripheral nerve regrowth and functional signal conduction.

STRESS PROTECTION

Helps neurons and glial cells respond to oxidative and ischemic stress.

INFLAMMATORY BALANCE

May regulate cytokine activity within neural and immune tissues.

TOGETHER THESE MECHANISMS

Support neural resilience, nerve recovery, and healthier brain aging.



TARGET AREAS



COGNITIVE
RESILIENCE



MEMORY



NERVE
HEALTH



HEALTHY
AGING



BRAIN
HEALTH



NEURO-
PROTECTION



NEUROLOGICAL
RECOVERY



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

1-2 mg daily
Typically for 30 days



PAIRS WELL WITH

- Semax
- Epitalon
- NAD+
- SS-31
- Selank
- ARA-290

Co-Factors

- NAC
- Vitamin B12
- Magnesium
- Omega-3
- Citicoline
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cortagen has animal, ex vivo, gene-expression, and limited clinical research involving nerve regeneration, neurological stress, cognition, and tissue regulation. Human trials, validated dosing, long-term safety data, and standardized clinical protocols remain unavailable.



CRYSTAGEN

THYMIC PEPTIDE BIOREGULATOR

Thymic Function • T-Cell Support • Immune Balance
Immune Resilience • Healthy Aging

"Crystagen is designed to support the thymus; the organ that helps develop and regulate T cells while influencing gene activity tied to immune resilience and cellular aging."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy thymic structure and function
- Promotes T-cell development and immune balance
- Supports healthy CD4/CD8 immune-cell ratios
- May improve thymocyte proliferation during stress
- Supports immune resilience during aging
- Helps regulate inflammatory and cytokine responses
- May support cellular antioxidant and survival pathways



HOW IT WORKS

GENE REGULATION

May interact with DNA and chromatin to influence immune-related gene activity.

THYMIC SUPPORT

Supports thymocyte proliferation and preservation of healthy thymus structure.

T-CELL BALANCE

Helps regulate T-cell development and immune-cell proportions.

STRESS RESPONSE

Influences heat-shock proteins, cytokines, and cellular stress pathways.

CELL SURVIVAL

May support antioxidant defenses and reduce excessive apoptosis signaling.

TOGETHER THESE MECHANISMS

Support thymic function, T-cell balance, immune resilience, & age-related immune regulation.



TARGET AREAS



IMMUNE
BALANCE



THYMIC
FUNCTION



IMMUNE
RESILIENCE



T-CELL
SUPPORT



INFLAMMATORY
BALANCE



IMMUNE
DEFENSE



HEALTHY
AGING



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10 days
Cycled 2-4 times a year



PAIRS WELL WITH

- Thymosin Alpha-1
- LL-37
- VIP
- KLOW
- Glutathione
- SS-31

Co-Factors

- Zinc
- Vitamin D3
- NAC
- Omega-3
- Magnesium
- Selenium



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Crystagen has early evidence for thymic support, T-cell balance, and immune regulation. Large clinical trials, standardized dosing, and long-term safety data are lacking. Because Crystagen may influence gene expression, cell survival, and proliferation, long-term tumor-related safety has not been established.



DIHEXA

SYNAPTOGENIC COGNITIVE COMPOUND

Synaptic Growth • Memory • Neuroplasticity
Learning • Cognitive Recovery

"Dihexa is designed to strengthen neural connectivity by amplifying HGF/c-Met signaling, a pathway involved in forming new synapses."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports the formation of new neural connections
- Promotes healthy learning and memory function
- Supports adaptive brain neuroplasticity
- Encourages stronger synaptic communication
- Supports cognitive performance and recall
- May support recovery from cognitive impairment
- Promotes long-term neural-network resilience



HOW IT WORKS

HGF BINDING

Binds HGF and enhances its downstream signaling activity.

C-MET ACTIVATION

Amplifies HGF-dependent activation of the c-Met receptor.

SPINE FORMATION

Promotes new dendritic spines on hippocampal neurons.

SYNAPTOGENESIS

Supports the formation of functional connections between neurons.

COGNITIVE SIGNALING

Strengthens pathways involved in learning, memory, and recall.

TOGETHER THESE MECHANISMS

Support synaptic connectivity, neuroplasticity, and cognitive performance.



TARGET AREAS



COGNITIVE
PERFORMANCE



MEMORY



NEURO-
PLASTICITY



HEALTHY
AGING



BRAIN
HEALTH



LEARNING



NEUROLOGICAL
RECOVERY



SYNAPTIC
HEALTH



HOW IT'S TAKEN



ORAL



TYPICAL DOSING

10-50 mg daily



PAIRS WELL WITH

- Semax
- Selank
- SS-31
- NAD+
- MOTS-c
- Cerebrolysin

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- Citicoline
- Quality Sleep
- Cognitive Training



STORAGE & HANDLING

Store according to the research formulation's instructions in a cool, dry environment protected from heat, light, and moisture.



EVIDENCE LEVEL

Do not use dihexa if you have a personal history of **cancer** or precancerous conditions. The HGF/c-Met pathway is a well-established oncogenic pathway, and multiple pharmaceutical companies have developed c-Met inhibitors specifically because excessive c-Met signaling drives tumor progression. Whether dihexa's level of c-Met activation is sufficient to promote tumorigenesis is unknown. No carcinogenicity studies have been conducted. This is a genuine safety concern, not a hypothetical one.



DSIP

SLEEP & STRESS-REGULATION PEPTIDE

Sleep Quality • Circadian Rhythm • Stress Resilience
Relaxation • Neuroendocrine Balance

"DSIP appears to regulate sleep and stress signaling rather than simply sedating the brain, but its exact receptor and biological role remain unresolved."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports more restorative sleep architecture
- Promotes healthy sleep-wake cycle regulation
- Supports resilience during periods of stress
- Encourages a calmer nighttime mental state
- May support healthy cortisol rhythm regulation
- Supports neuroendocrine balance during sleep
- May promote recovery through improved rest



HOW IT WORKS

SLEEP ARCHITECTURE

May influence delta-wave activity and restorative sleep patterns.

CIRCADIAN SIGNALING

Supports biological rhythms involved in sleep and wake timing.

STRESS RESPONSE

May help regulate cortisol and other stress related signaling pathways.

NEUROENDOCRINE BALANCE

Influences hormonal activity associated with different sleep stages.

RECOVERY SUPPORT

May support physical and neurological recovery by improving restorative rest.

TOGETHER THESE MECHANISMS

Support sleep regulation, stress resilience, and nighttime recovery signaling.



TARGET AREAS



SLEEP
HORMONES



STRESS
RESILIENCE



CALM &
RELAXATION



RECOVERY &
HEALING



BRAIN
HEALTH



SLEEP
QUALITY



CIRCADIAN
RHYTHM



EMOTIONAL
REGULATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100-300 mcg daily for 5-10 days then cycle off
OR 100-300 mcg daily 3-5 nights per week.



PAIRS WELL WITH

- Selank
- SS-31
- NAD+
- Epitalon
- Semax
- CJC/pamorelin

Co-Factors

- Omega-3
- Magnesium
- L-Theanine
- Glycine
- Taurine
- Consistent Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

DSIP has historical human and animal research involving sleep, stress regulation, pain, and neuroendocrine signaling. Results are inconsistent, its receptor remains unidentified, and modern pharmacokinetic, long-term safety, and controlled efficacy data are limited.



EPITALON

PINEAL LONGEVITY BIOREGULATOR

Healthy Aging • Circadian Rhythm
Sleep • Cellular Resilience • Telomere Support

"Epitalon is a pineal signaling peptide studied for helping restore circadian rhythm while supporting cellular maintenance and telomere biology."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy circadian rhythm regulation
- Promotes more balanced melatonin signaling
- Supports healthy sleep-wake cycle function
- Encourages cellular repair and resilience
- Supports antioxidant defense during aging
- May help preserve healthy telomere function
- Supports long-term neuroendocrine balance



HOW IT WORKS

PINEAL SIGNALING

Supports signaling associated with pineal and neuroendocrine function.

CIRCADIAN RHYTHM

May help normalize biological-clock and sleep-wake signaling.

MELATONIN REGULATION

Supports more youthful patterns of nighttime melatonin secretion.

TELOMERE BIOLOGY

May influence telomerase activity and telomere maintenance in cell models.

CELLULAR RESILIENCE

Supports antioxidant defense, DNA stability, and healthy-aging pathways.

TOGETHER THESE MECHANISMS

Support circadian balance, cellular resilience, and healthy-aging biology.



TARGET AREAS



TELOMERE
SUPPORT



LONGEVITY



CELLULAR
RESILIENCE



HEALTHY
AGING



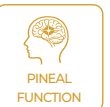
ENERGY
REGULATION



SLEEP



CIRCADIAN
RHYTHM



PINEAL
FUNCTION



HOW IT'S TAKEN



SUBCUTANEOUS &
INTRAMUSCULAR



TYPICAL DOSING

0.5-1.0mg daily for 10-20 days



PAIRS WELL WITH

- SS-31
- MOTS-c
- NAD+
- DSIP
- Semax
- GHK-Cu

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- Glycine
- Morning Light Exposure
- Consistent Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Epitalon has mechanistic, animal, and limited regional human research involving circadian regulation, melatonin signaling, telomere biology, and healthy aging. However, large modern randomized trials, standardized dosing studies, and long-term safety data remain limited.



FOXO4-DRI

TARGETED SENOLYTIC PEPTIDE

Cellular Senescence • Senescent-Cell Clearance
Healthy Aging • Tissue Resilience • Inflammatory Balance

"FOXO4-DRI disrupts a survival signal used by senescent cells, allowing p53 to trigger their selective removal."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Promotes selective clearance of senescent cells
- Helps reduce senescence associated inflammatory signaling
- Supports healthier cellular turnover with age
- May improve tissue function in aging models
- Supports resilience against senescent-cell accumulation
- May reduce fibrosis-related cellular signaling
- Supports broader healthy-aging research pathways



HOW IT WORKS

FOXO4-P53 DISRUPTION

Competitively disrupts the survival interaction between FOXO4 and p53.

P53 RELOCATION

Allows p53 to move from the nucleus into the cell's cytoplasm.

APOPTOSIS SIGNALING

Triggers programmed cell death in susceptible senescent cells.

SENESCENT-CELL CLEARANCE

Preferentially removes cells that depend on FOXO4-p53 signaling for survival.

SASP REDUCTION

May reduce inflammatory and tissue-degrading signals released by senescent cells.

TOGETHER THESE MECHANISMS

Support targeted senescent-cell clearance and healthier tissue aging.



TARGET AREAS



CELLULAR
SENESCENCE



FIBROSIS
BALANCE



TISSUE
RESILIENCE



INFLAMMATORY
BALANCE



SENESCENT-CELL
CLEARANCE



CELLULAR
RENEWAL



HEALTHY
AGING



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

250-500 mcg daily



PAIRS WELL WITH

- Epitalon
- MOTS-c
- GHK-Cu
- NAD+
- SS-31
- Glutathione

Co-Factors

- Omega-3
- Glycine
- Magnesium
- NAC
- CoQ10
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Studies suggest that FOXO4-DRI selectively removes senescent cells and improves some aging-related tissue markers. FOXO4-DRI directly alters p53 localization and signaling. Because p53 is central to tumor suppression, long-term effects on cancer surveillance and premalignant cells remain unknown.



GHK-CU

REGENERATIVE & TISSUE REMODELING

Collagen Support • Skin Renewal • Tissue Remodeling
Hair Health • Wound Recovery

GHK-Cu isn't simply a collagen peptide. It acts like a remodeling signal. Rather than just stimulating repair, it helps guide how tissues rebuild, influencing collagen organization, skin quality, and long-term structural integrity."
-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports collagen and elastin production
- Promotes skin firmness and healthy aging
- Encourages wound healing and tissue repair
- Supports healthy hair growth and scalp function
- Helps maintain balanced inflammatory signaling
- Supports connective tissue remodeling
- Promotes healthy extracellular matrix integrity



HOW IT WORKS

COLLAGEN SIGNALING

Supports collagen synthesis while promoting balanced extracellular matrix remodeling.

GENE REGULATION

Modulates gene expression associated with tissue repair, antioxidant defense, and healthy aging.

COPPER DELIVERY

Supplies bioavailable copper to enzymes involved in tissue repair and regeneration.

ANTIOXIDANT DEFENSE

Supports endogenous antioxidant systems and helps reduce oxidative tissue stress.

TISSUE REMODELING

Promotes healthy wound repair, angiogenesis, and connective tissue organization.

TOGETHER THESE MECHANISMS

Support collagen remodeling, healthy tissue renewal, and long-term structural integrity.



TARGET AREAS



RECOVERY & HEALING



COLLAGEN SUPPORT



INFLAMMATION REDUCTION



ANTI-AGING



SKIN HEALTH



TISSUE REPAIR



HAIR HEALTH



BONE HEALTH



HOW IT'S TAKEN

SUBCUTANEOUS • TOPICAL



TYPICAL DOSING

Topical .01-.1% • SubQ 1-3 mg daily



PAIRS WELL WITH

- TB-500
- BPC-157
- SS-31
- KPV
- MOTS-c
- Epitalon

Co-Factors

- Vitamin C
- Hyaluronic Acid
- Zinc
- Collagen
- Magnesium
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Extensive preclinical and cosmetic research supports GHK-Cu's role in collagen remodeling, skin rejuvenation, wound healing, and tissue repair. Human evidence is strongest for topical dermatologic applications, while systemic use remains investigational.



GHRP-2

GROWTH HORMONE RELEASE PEPTIDE

GH Release • Recovery Support • Lean Mass
Appetite • Body Composition

"GHRP-2 is a potent growth-hormone secretagogue, but unlike Ipamorelin it also stimulates appetite and can activate cortisol and prolactin pathways."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Strongly stimulates endogenous growth hormone release
- Supports growth-hormone pulse signaling
- Recovery and tissue remodeling through GH/IGF-1 pathways
- May support lean-mass and body-composition goals
- Stimulates appetite and food intake
- Can complement GHRH-based signaling pathways
- Has demonstrated direct hormonal activity in human studies



HOW IT WORKS

GHRELIN RECEPTOR

Activates ghrelin receptors in the hypothalamus and pituitary.

GH RELEASE

Triggers pituitary cells to release a strong growth-hormone pulse.

DUAL-PATHWAY SYNERGY

Works through a different pathway than GHRH peptides, allowing synergistic GH release.

APPETITE SIGNALING

Activates ghrelin-related pathways that can increase hunger and food intake.

BROADER PITUITARY SIGNALING

Can also increase cortisol, ACTH, and prolactin, making it less selective than Ipamorelin.

TOGETHER THESE MECHANISMS

Increase endogenous GH release while also influencing appetite & pituitary-hormone signaling.



TARGET AREAS



BODY
COMPOSITION



LEAN
MASS



RECOVERY &
HEALING



TISSUE
RECOVERY



GH
SUPPORT



RECOVERY
SUPPORT



APPETITE
SUPPORT



CELLULAR
GROWTH



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100–300 mcg 1–3 x daily (fasted)
Cycled 12-16 weeks on, 4 weeks off



PAIRS WELL WITH

- CJC-1295 No DAC
- SS-31
- KLOW
- MOTS-c

Co-Factors

- Creatine
- Vitamin D3
- Zinc
- Quality Sleep
- Magnesium
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

GHRP-2 can increase cortisol, ACTH, prolactin, and appetite in addition to GH. Long-term effects of repeated GH/IGF-1 stimulation remain uncertain. Standardized therapeutic dosing, long-term safety, and FDA-approved treatment indications are lacking.



GLOW

THE BEAUTY & REGENERATION BLEND

Skin Renewal • Collagen Support • Tissue Repair
Recovery • Healthy Aging

"Healthy skin isn't created by one pathway. It depends on coordinated repair, collagen remodeling, and cellular recovery. GLOW brings together three complementary peptides that support the biology behind healthy skin and connective tissue."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports collagen production and skin firmness
- Promotes tissue repair and wound recovery
- Encourages healthy hair and connective tissue
- Supports skin hydration and elasticity
- Helps maintain balanced inflammatory signaling
- Promotes healthy aging and tissue remodeling
- Supports long-term skin and structural integrity



HOW IT WORKS

GHK-CU

Collagen Support • Skin Renewal
Tissue Remodeling • Hair Health • Wound Recovery

BPC-157

Tendon Repair • Gut Protection • Angiogenesis
Tissue Recovery • Inflammation Balance

TB-500

Recovery • Cell Migration • Tissue Remodeling
Flexibility • Performance

SKIN REPAIR & RECOVERY

These peptides support healthy skin renewal, connective tissue remodeling, and recovery.

TOGETHER THESE MECHANISMS

Create an environment for skin renewal, connective tissue repair, and healthy aging.



TARGET AREAS



SKIN
HEALTH



COLLAGEN
SUPPORT



INFLAMMATION
REDUCTION



ANTI-
AGING



HAIR
HEALTH



TISSUE
REPAIR



BARRIER
PROTECTION



RECOVERY &
HEALING



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 - 6 mg daily



PAIRS WELL WITH

- KPV
- SS-31
- MOTS-c
- Epitalon
- ARA-290
- Cartalax

Co-Factors

- Vitamin C
- Zinc
- Hyaluronic Acid
- Collagen Peptides
- Magnesium
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

GLOW combines three investigational peptides with complementary roles in collagen remodeling, tissue repair, angiogenesis, and connective tissue regeneration. It should be viewed as an investigational regenerative research blend.



GLUTATHIONE

ENDOGENOUS TRIPEPTIDE ANTIOXIDANT

Antioxidant Defense • Detoxification • Cellular Resilience
Immune Support • Mitochondrial Health

"Glutathione is the cell's central redox buffer, helping neutralize oxidative stress, recycle antioxidants, and support detoxification."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports the body's primary antioxidant defenses
- Helps neutralize reactive oxygen species
- Supports healthy liver detoxification pathways
- Promotes mitochondrial protection and function
- Helps maintain balanced immune-system activity
- Supports cellular repair during oxidative stress
- Promotes long-term cellular resilience



HOW IT WORKS

REDOX BUFFER

Balances reduced and oxidized glutathione to maintain cellular redox stability.

ROS NEUTRALIZATION

Helps antioxidant enzymes neutralize reactive oxygen species and peroxides.

DETOXIFICATION

Supports conjugation pathways that help process toxins and reactive compounds.

ANTIOXIDANT RECYCLING

Helps restore antioxidants such as vitamins C & E to active forms.

MITOCHONDRIAL PROTECTION

Helps protect mitochondrial membranes, energy production, and cell survival.

TOGETHER THESE MECHANISMS

Support antioxidant defense, detoxification, and cellular resilience during oxidative stress.



TARGET AREAS



ANTIOXIDANT
DEFENSE



CELLULAR
RESILIENCE



IMMUNE
SUPPORT



INFLAMMATION
BALANCE



REDOX
BALANCE



HEALTHY
AGING



MITOCHONDRIAL
HEALTH



DETOXIFICATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100-200 mg 3 x weekly
Cycle 8-12 weeks



PAIRS WELL WITH

- NAD+
- SS-31
- MOTS-c
- GHK-Cu
- BPC-157
- KPV

Co-Factors

- NAC
- Glycine
- Selenium
- Vitamin C
- Alpha-Lipoic Acid
- Riboflavin



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Glutathione's role in antioxidant defense, detoxification, redox regulation, and cellular survival is well established. Human studies show that it can raise glutathione levels, but absorption, clinical effects, and dosing vary. Injectable applications remain unapproved.



HCG

REPRODUCTIVE HORMONE SIGNAL

Fertility • Testosterone Production • Ovulation
Sperm Production • Reproductive Function

"hCG, or human chorionic gonadotropin hormone, acts like the body's ovulation and testosterone signal, activating reproductive tissue directly to support egg maturation in women and testosterone production in men."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



See Notes Below



BENEFITS

- Stimulates natural testosterone production in the testes
- Helps preserve testicular function and fertility
- Supports sperm-production pathways in male fertility protocols
- Triggers final egg maturation and ovulation
- Supports ovarian hormone production after ovulation
- Helps maintain progesterone signaling during early pregnancy
- Has established clinical use in reproductive medicine



HOW IT WORKS

REPRODUCTIVE RECEPTOR

Activates hormone receptors on the ovaries and testes.

TESTOSTERONE SIGNAL

Stimulates testicular cells responsible for testosterone production.

SPERM SUPPORT

Higher testicular testosterone helps support normal sperm production.

OVULATION TRIGGER

Mimics the natural hormone surge that completes egg maturation and triggers ovulation.

PROGESTERONE SUPPORT

Supports ovarian progesterone production after ovulation and during early pregnancy.

TOGETHER THESE MECHANISMS

Support testosterone production, fertility, ovulation, sperm, and reproductive hormone function.



TARGET AREAS



FERTILITY
SUPPORT



OVARIAN
FUNCTION



TESTICULAR
FUNCTION



SPERM
PRODUCTION



TESTOSTERONE
PRODUCTION



OVULATION
SUPPORT



PROGESTERONE
SUPPORT



REPRODUCTIVE
HORMONES



HOW IT'S TAKEN



SUBCUTANEOUS &
INTRAMUSCULAR



TYPICAL DOSING

200-500 IU 2-3 x weekly with TRT
1000-1500 IU 2-3 x weekly w/o TRT



PAIRS WELL WITH

- HMG
- Kisspeptin-10
- Testagen
- PT-141
- Oxytocin
- SS-31

Co-Factors

- Zinc
- Vitamin D3
- Selenium
- Omega-3
- Magnesium
- Folate



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

hCG is an FDA-approved prescription hormone. hCG can overstimulate reproductive hormone production. In women, fertility protocols can cause ovarian hyperstimulation and multiple pregnancy; in men, excessive exposure may cause elevated estrogen, breast tenderness, acne, or fluid retention. Medical monitoring is required.



HMG

FERTILITY GONADOTROPIN HORMONE

Follicle Growth • Egg Maturation • Ovulation Support
Sperm Production • Fertility

"HMG provides both follicle-stimulating and luteinizing hormone activity, directly supporting ovarian follicle development in women and sperm production in men."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Stimulates ovarian follicle growth and maturation
- Supports development of multiple eggs during fertility treatment
- Promotes estrogen production during follicular development
- Supports final hormone signaling before ovulation
- Supports sperm production in appropriate male fertility protocols
- Helps maintain testicular hormone signaling when paired with hCG
- Has established clinical use in assisted reproduction



HOW IT WORKS

FOLLICLE SIGNALING

FSH activity stimulates ovarian follicles to grow and mature.

ESTROGEN PRODUCTION

Supports ovarian cells that convert hormone precursors into estrogen.

LH-LIKE SIGNALING

Provides luteinizing activity that supports follicular maturation and ovarian hormone production.

SPERM PRODUCTION

In men, FSH activity supports the cells responsible for developing sperm.

TESTICULAR SIGNALING

When paired with hCG, supports testosterone production needed for spermatogenesis.

TOGETHER THESE MECHANISMS

Support follicle development, egg maturation, reproductive hormone production, and sperm.



TARGET AREAS



HORMONAL
SIGNALING



OVARIAN
FUNCTION



FEMALE
FERTILITY



SPERM
PRODUCTION



FOLLICLE
GROWTH



OVULATION
SUPPORT



MALE
FERTILITY



EGG
MATURATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

75 IU 1-3x weekly



PAIRS WELL WITH

- HCG
- Kisspeptin-10
- Testagen
- PT-141
- Oxytocin
- SS-31

Co-Factors

- Omega-3
- Vitamin D3
- Zinc
- Selenium
- Magnesium
- Folate



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

HMG/menotropins are FDA-approved for controlled ovarian stimulation in assisted reproduction. **HMG can cause ovarian hyperstimulation syndrome (OHSS)**, ovarian enlargement, fluid shifts, blood clots, and multiple pregnancy. Treatment requires ultrasound and hormone monitoring, and hCG should be withheld if OHSS risk becomes excessive.



IGF-1 LR3

LONG-ACTING GROWTH FACTOR ANALOG

Anabolic Signaling • Muscle Growth • Tissue Growth
Recovery • Nutrient Uptake

"IGF-1 LR3 extends the IGF growth signal by largely escaping the binding proteins that normally regulate native IGF-1."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports anabolic growth signaling in muscle tissue
- Promotes protein-synthesis pathways
- May support muscle-cell growth and adaptation
- Supports nutrient uptake into metabolically active tissue
- Promotes cell survival and proliferation signaling
- May support tissue recovery and remodeling
- Provides stronger bioavailable IGF signaling than native IGF-1



HOW IT WORKS

IGF-1 RECEPTOR

Activates IGF-1 receptors that control anabolic growth and cell-survival signaling.

BINDING ESCAPE

Binds weakly to IGF-binding proteins, leaving more peptide available to reach tissues.

AKT / MTOR

Activates anabolic pathways involved in protein synthesis and cellular growth.

CELL SURVIVAL

Supports signaling that promotes cell survival, proliferation, and tissue development.

GLUCOSE UPTAKE

Produces insulin-like metabolic activity that can increase glucose uptake into tissues.

TOGETHER THESE MECHANISMS

Create a bioavailable growth signal supporting anabolic activity, cell growth, & tissue adaptation.



TARGET AREAS



BODY
COMPOSITION



MUSCLE
GROWTH



NUTRIENT
UPTAKE



TISSUE
RECOVERY



ANABOLIC
SIGNALING



PROTEIN
SYNTHESIS



CELL
SURVIVAL



CELLULAR
GROWTH



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

40-80 mcg daily within 30min post workout
4 to 6 weeks on, 4 to 6 weeks off



PAIRS WELL WITH

- KLOW
- MOTS-c
- NAD+
- ARA-290
- Glutathione
- SS-31

Co-Factors

- Omega-3
- Vitamin D3
- Zinc
- Creatine
- Magnesium
- Protein Intake



STORAGE & HANDLING

ACIDIC DILUENT IS REQUIRED 0.6% acetic-acid solution is commonly used for acidic reconstitution; BAC water may provide shorter stability. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

IGF-1 LR3 has strong mechanistic and animal evidence for prolonged IGF signaling, cell growth, & metabolic effects. However, it can produce prolonged growth-factor and glucose-lowering activity. **Hypoglycemia is a significant concern**, & excessive IGF signaling may promote growth of existing abnormal or malignant cells. Medical oversight & glucose monitoring are strongly recommended.



IPAMORELIN

SELECTIVE GROWTH HORMONE SECRETAGOGUE

Growth Hormone Support • Recovery • Lean Muscle
Sleep • Body Composition

"Ipamorelin stands out because of its selectivity. Rather than broadly stimulating multiple hormone pathways, it primarily activates the ghrelin receptor to support natural growth hormone pulses while minimizing unwanted hormonal effects."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports natural growth hormone release
- Promotes healthy recovery following exercise
- Supports lean muscle maintenance
- Encourages healthy body composition
- Promotes restorative sleep quality
- Supports healthy IGF-1 production
- Supports healthy aging and recovery



HOW IT WORKS

GHRELIN RECEPTOR

Selectively activates ghrelin receptors to stimulate natural GH release.

GH PULSES

Supports physiologic GH pulses without continuous stimulation.

SELECTIVE SIGNALING

Designed to primarily stimulate GH with minimal effects on other pituitary hormones.

IGF-1 SUPPORT

Supports healthy IGF-1 production involved in tissue maintenance and recovery.

RECOVERY & BODY COMPOSITION

Supports recovery, lean body composition, and healthy aging.

TOGETHER THESE MECHANISMS

Selectively stimulate the ghrelin receptors to trigger natural GH pulses.



TARGET AREAS



METABOLISM



SLEEP
QUALITY



GH
SUPPORT



RECOVERY &
HEALING



LEAN MUSCLE
GROWTH



BODY
COMPOSITION



HEALTHY
AGING



PERFORMANCE
& ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100-300 mcg 1-2 x nightly (fasted)
12 week cycle • 4 week break



PAIRS WELL WITH

- CJC-1295 (No DAC)
- BPC-157
- TB-500
- Retatrutide
- MOTS-c
- SS-31

Co-Factors

- Protein Intake
- Creatine
- Magnesium
- Zinc
- Vitamin D3
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Preclinical studies support Ipamorelin's ability to selectively stimulate endogenous GH release through ghrelin receptor activation. Pharmacology is well characterized, long-term clinical outcome data remain limited. Considered an investigational research peptide.



KISSPEPTIN-10

REPRODUCTIVE HORMONE SIGNALING PEPTIDE

Reproductive Signaling • Fertility • Ovarian Function
Testicular Function • Hormonal Coordination

"Kisspeptin-10 acts upstream of reproductive hormones, activating the brain signal that tells the pituitary to release LH and FSH."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports natural GnRH signaling and reproductive-axis activity
- Promotes physiologic LH and FSH release
- Supports ovarian follicular and ovulatory signaling
- Supports testicular testosterone signaling
- Helps coordinate reproductive hormone feedback
- Supports fertility-related endocrine function
- Provides an upstream alternative to directly replacing sex hormones



HOW IT WORKS

KISS1R ACTIVATION

Binds KISS1R receptors on GnRH-producing neurons.

REPRODUCTIVE HORMONE SIGNAL

Triggers the brain signal (GnRH) that starts the reproductive hormone cascade.

SEX-HORMONE SIGNALING

Promotes the hormone signal (LH) that supports testosterone production and ovulation.

FERTILITY SIGNALING

Supports hormone signals (FSH) involved in egg development and sperm production.

REPRODUCTIVE HORMONE CASCADE

Coordinates brain, pituitary, and reproductive organ signaling.

TOGETHER THESE MECHANISMS

Activate upstream reproductive signaling to coordinate GnRH, LH, FSH, and gonadal function.



TARGET AREAS



HORMONAL
SIGNALING



SEXUAL
FUNCTION



OVARIAN
FUNCTION



SPERM
PRODUCTION



REPRODUCTIVE
HEALTH



FERTILITY
SUPPORT



TESTICULAR
FUNCTION



OVULATION
SUPPORT



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100-200 mcg 2-3 x weekly MAX
Cycle 2-8 weeks on 4+ weeks off



PAIRS WELL WITH

- Testagen
- Oxytocin
- PT-141
- SS-31
- NAD+
- hCG

Co-Factors

- Magnesium
- Omega-3
- Zinc
- Vitamin D3
- Selenium
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Human studies confirm that kisspeptin-10 can stimulate GnRH, LH, and FSH signaling and support reproductive physiology. However, Kisspeptin-10 remains investigational, with no FDA-approved indication, standardized therapeutic dose, or established long-term safety.



KLOW

THE COMPLETE REGENERATIVE SYSTEM

Repair • Recovery • Immune Balance
Tissue Remodeling • Cellular Renewal

"The best repair isn't driven by one signal, it's coordinated by many. KLOW brings together four peptides with complementary roles to create one of the most complete regenerative research stacks available today."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports whole-body tissue repair and recovery
- Promotes connective tissue remodeling
- Encourages healthy immune and inflammatory balance
- Supports skin, gut, and musculoskeletal health
- Enhances wound healing and structural integrity
- Helps optimize recovery following physical stress
- Promotes long-term regenerative health



HOW IT WORKS

BPC-157

Tendon Repair • Gut Protection • Angiogenesis
Tissue Recovery • Inflammation Balance

TB-500

Recovery • Cell Migration • Tissue Remodeling
Flexibility • Performance

KPV

Inflammation Control • Immune Balance • Barrier
Repair Gut • Protection • Tissue Recovery

GHK-CU

Collagen Support • Skin Renewal • Tissue
Remodeling

TOGETHER THESE MECHANISMS

Create a comprehensive environment for repair, regeneration, and long-term tissue health.



TARGET AREAS



RECOVERY &
HEALING



COLLAGEN
SUPPORT



INFLAMMATION
REDUCTION



GUT
HEALTH



SKIN
HEALTH



TISSUE
REPAIR



JOINT
HEALTH



BONE
HEALTH



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 – 6 mg daily



PAIRS WELL WITH

- ARA-290
- Thymosin Alpha-1
- SS-31
- LL-37
- MOTS-c
- Cartalax

Co-Factors

- Vitamin C
- Omega-3
- Zinc
- Collagen Peptides
- Magnesium
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

The KLOW stack combines four investigational peptides with complementary mechanisms supported primarily by preclinical and mechanistic research. It should be viewed as an experimental regenerative research protocol.



KPV

IMMUNE & GUT BARRIER PEPTIDE

Gut Protection • Immune Balance • Barrier Repair
Inflammation Control • Tissue Recovery

"KPV doesn't simply suppress inflammation, it helps restore immune balance while protecting epithelial barriers. That's why its greatest potential may lie in calming inflammation without broadly suppressing immune function."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy gastrointestinal barrier integrity
- Helps maintain a balanced inflammatory response
- Promotes intestinal epithelial repair
- Supports skin and mucosal tissue health
- Helps regulate pro-inflammatory signaling pathways
- Supports recovery from inflammatory tissue stress
- Encourages healthy immune system balance



HOW IT WORKS

NF- κ B MODULATION

Helps regulate NF- κ B signaling to reduce excessive inflammatory mediator production.

GUT BARRIER SUPPORT

Supports intestinal epithelial integrity and healthy barrier function.

PEPT1 TARGETING

Utilizes intestinal peptide transport pathways to concentrate activity within inflamed gut tissue.

IMMUNE BALANCE

Supports balanced cytokine signaling while preserving normal immune function.

TISSUE RECOVERY

Supports epithelial repair and recovery following inflammatory stress.

TOGETHER THESE MECHANISMS

Support immune balance, gut barrier integrity, and healthy tissue recovery.



TARGET AREAS



RECOVERY & HEALING



BARRIER PROTECTION



INFLAMMATION REDUCTION



GUT HEALTH



SKIN HEALTH



TISSUE REPAIR



IMMUNE SUPPORT



MUCOSAL HEALTH



HOW IT'S TAKEN



ORAL • SUBCUTANEOUS • TOPICAL



TYPICAL DOSING

250-500 mcg daily
12 week cycle • 4 week break



PAIRS WELL WITH

- TB-500
- BPC-157
- GHK-CU
- Thymosin Alpha-1
- LL-37
- ARA-290

Co-Factors

- L-Glutamine
- Zinc Carnosine
- Omega-3
- Probiotics
- Vitamin D3
- Butyrate



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Strong preclinical evidence supports KPV's role in immune regulation, gut barrier protection, and inflammatory signaling. Human clinical evidence remains very limited, and KPV should currently be viewed as an investigational research peptide.



LIVAGEN

LIVER PEPTIDE BIOREGULATOR

Liver Function • Cellular Renewal • Protein Synthesis
GI Support • Healthy Aging

"Livagen is unusual because it appears to work at the level of chromatin, reopening age-silenced genetic regions that regulate protein production and cellular function."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy liver-cell function and resilience
- May restore age-related protein-synthesis activity
- Supports liver-cell renewal and biosynthetic capacity
- May help normalize age-disrupted cellular rhythms
- Supports gastrointestinal mucosal protection
- May support age-related immune-cell function
- Influences gene-expression programs involved in cell activity



HOW IT WORKS

CHROMATIN OPENING

Decondenses compacted DNA regions, increasing access to previously silenced genes.

GENE REGULATION

Modulates transcription involved in cellular activity, stress response, and protein production.

RIBOSOMAL ACTIVATION

Reactivates ribosomal genes needed for cellular protein synthesis.

HEPATIC SUPPORT

In aged hepatocyte models, increases protein-production capacity and cellular activity.

GI SIGNALING

May influence vagal, nitric-oxide, prostaglandin, and opioid pathways supporting mucosal protection.

TOGETHER THESE MECHANISMS

Restore cellular activity by reopening gene programs supporting protein synthesis, liver function, & resilience.



TARGET AREAS



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100-200 mcg daily for 10-20 days
Cycled 2-3 times a year



PAIRS WELL WITH

- KLOW
- MOTS-c
- NAD+
- Thymosin Alpha-1
- Glutathione
- SS-31

Co-Factors

- Omega-3
- Vitamin D3
- NAC
- Selenium
- Magnesium
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Livagen has in vitro, animal, ex vivo, and small human evidence for chromatin regulation, protein synthesis, liver-cell function, and immune-cell activity. Large modern randomized trials and standardized clinical dosing are lacking. Livagen alters chromatin and gene-expression activity. Long-term effects on abnormal cell growth and oncologic risk have not been established.



LL-37

ANTIMICROBIAL HOST-DEFENSE PEPTIDE

Antimicrobial Defense • Immune Regulation
Barrier Protection • Wound Repair • Tissue Defense

"LL-37 is part of the body's built-in defense system, combining direct antimicrobial activity with immune signaling and tissue-repair support."

See Notes Below

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports broad antimicrobial defense
- Helps disrupt bacterial and fungal membranes
- May support reduced biofilm formation
- Supports immune-cell antimicrobial activity
- Promotes wound healing and re-epithelialization
- Supports barrier and epithelial defense
- Helps coordinate inflammatory signaling during infection or injury



HOW IT WORKS

MICROBIAL MEMBRANE DISRUPTION

Binds microbial membranes and creates structural damage that can lead to cell death.

ANTI-BIOFILM ACTIVITY

Helps limit biofilm formation and supports microbial clearance.

IMMUNE REGULATION

Modulates neutrophil and macrophage activity during host defense.

BARRIER DEFENSE

Supports epithelial and mucosal protection during microbial stress.

WOUND REPAIR

Promotes keratinocyte and fibroblast migration, angiogenesis, and re-epithelialization.

TOGETHER THESE MECHANISMS

Support antimicrobial defense, immune coordination, barrier protection, and tissue repair.



TARGET AREAS



ANTIMICROBIAL
DEFENSE



IMMUNE
SUPPORT



BARRIER
PROTECTION



MUCOSAL
HEALTH



INFLAMMATORY
BALANCE



WOUND
HEALING



EPITHELIAL
REPAIR



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

100-200 mcg daily
Cycle 2-6 weeks on 2-4 weeks off



PAIRS WELL WITH

- Thymosin Alpha-1
- KLOW
- SS-31
- Glutathione
- VIP
- Bronchogen

Co-Factors

- Zinc
- Vitamin D3
- NAC
- Omega-3
- Magnesium
- Vitamin C



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

LL-37 has extensive mechanistic and preclinical evidence for antimicrobial, immune-regulating, and wound-healing activity. **Higher LL-37 exposure can damage human cells** and may worsen inflammatory or autoimmune signaling in some contexts. Systemic dosing and long-term safety are not established.



MELANOTAN I

PIGMENTATION & PHOTOPROTECTION PEPTIDE

Skin Pigmentation • Photoprotection
Eumelanin Production • UV Resilience • Skin Defense

"Melanotan I increases protective eumelanin by activating melanocortin signaling in pigment-producing skin cells."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Promotes increased eumelanin production
- Supports darker skin pigmentation
- Improves natural photoprotective capacity
- Helps absorb and scatter ultraviolet radiation
- Supports antioxidant defense within pigmented skin
- Increases tolerance to light exposure in approved EPP use
- May support healthier pigment response in photosensitive skin



HOW IT WORKS

MC1R ACTIVATION

Activates melanocortin receptors on pigment-producing skin cells.

EUMELANIN PRODUCTION

Increases production of darker, UV-absorbing eumelanin pigment.

MELANIN TRANSFER

Supports formation and transfer of pigment into surrounding skin cells.

UV DEFENSE

Eumelanin absorbs and scatters ultraviolet radiation before it reaches deeper tissue.

OXIDATIVE PROTECTION

Pigment-associated defenses help reduce light-induced oxidative stress.

TOGETHER THESE MECHANISMS

Increase protective pigmentation and improve the skin's resistance to light exposure.



TARGET AREAS



SKIN
PIGMENTATION



EUMELANIN
PRODUCTION



SKIN
DEFENSE



SKIN
HEALTH



PHOTO-
PROTECTION



UV
RESILIENCE



LIGHT
TOLERANCE



OXIDATIVE
PROTECTION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

250-500 mcg daily 10-14 days loading
250-500 mcg 1-2 x weekly maintenance



PAIRS WELL WITH

- KLOW
- GHK-Cu
- KPV
- Glutathione
- Thymosin Alpha-1
- ARA-290

Co-Factors

- Vitamin C
- Vitamin A
- Zinc
- Copper
- Omega-3
- Hydration



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Afamelanotide is FDA and EMA-approved as SCENESSE to increase pain-free light exposure in adults with erythropoietic protoporphyria. Cosmetic tanning use is unapproved, lacks established safety and dosing standards. Predictably, it darkens skin and may increase freckling or pigmentation of existing moles.



MELANOTAN II

MULTI-RECEPTOR MELANOCORTIN PEPTIDE

Skin Pigmentation • Sexual Arousal • Appetite Regulation
Eumelanin Production • Energy Balance

"Melanotan II activates several melanocortin receptors, so its effects extend beyond pigmentation into sexual arousal, appetite, and central nervous-system signaling."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Increases eumelanin and skin pigmentation
- Supports darker tanning response with less UV exposure
- Can increase sexual arousal and erectile response
- May reduce appetite and food intake
- Influences reward and motivation pathways
- May increase thermogenic and energy-balance signaling
- Has demonstrated melanocortin activity in human & animal research



HOW IT WORKS

MC1R ACTIVATION

Stimulates melanocytes to increase eumelanin production and skin pigmentation.

MC3/MC4 SIGNALING

Activates central melanocortin pathways involved in arousal, appetite, and reward.

SEXUAL RESPONSE

Influences hypothalamic and spinal circuits involved in erection and sexual arousal.

APPETITE SIGNALING

Can reduce food intake through central melanocortin pathways.

ENERGY BALANCE

May influence thermogenesis and energy expenditure in experimental models.

TOGETHER THESE MECHANISMS

Increase pigmentation while also affecting sexual response, appetite, reward, and energy balance.



TARGET AREAS



SKIN
PIGMENTATION



SEXUAL
AROUSAL



ERECTILE
FUNCTION



REWARD
SIGNALING



EUMELANIN
PRODUCTION



UV
RESILIENCE



APPETITE
REGULATION



ENERGY
REGULATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

250-500 mcg daily 7-14 days loading
250-500 mcg 1-2 x weekly maintenance



PAIRS WELL WITH

- KLOW
- SS-31
- Testagen
- hCG
- Oxytocin
- Kisspeptin-10

Co-Factors

- Vitamin C
- Vitamin E
- Zinc
- Copper
- Omega-3
- Magnesium



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Melanotan II has small human and preclinical studies supporting pigmentation and sexual-arousal effects, but it is not FDA-approved. It has been [linked to priapism, kidney injury, atypical or changing moles, and serious neurologic or cardiovascular events](#). Long-term cancer risk is uncertain, and regulators warn against unapproved use.



METHYLENE BLUE

MITOCHONDRIAL REDOX COMPOUND

Mitochondrial Function • Cellular Energy
Redox Balance • Brain Energy • Cognitive Resilience

"Methylene blue is unusual because it can cycle between oxidized and reduced forms, allowing it to shuttle electrons and influence mitochondrial energy production."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports mitochondrial electron-transfer efficiency
- Promotes cellular energy production under metabolic stress
- Supports healthy redox and oxidative balance
- May enhance brain energy metabolism and neuronal resilience
- Has shown effects on memory-related brain activity
- Supports cellular respiration through mitochondrial redox cycling
- Restores normal hemoglobin function.



HOW IT WORKS

ELECTRON SHUTTLING

Cycles between oxidized and reduced forms to transfer electrons within mitochondria.

CELLULAR RESPIRATION

Supports electron flow through pathways involved in mitochondrial oxygen utilization.

ENERGY PRODUCTION

May improve mitochondrial efficiency and ATP-generating capacity at low concentrations.

REDOX BALANCE

Accepts and donates electrons, helping regulate cellular oxidative conditions.

BRAIN METABOLISM

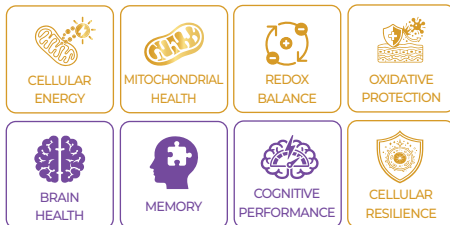
Crosses into the brain and may support energy-demanding neuronal activity.

TOGETHER THESE MECHANISMS

Support electron flow, cellular energy production, redox balance, and neuronal resilience.



TARGET AREAS



HOW IT'S TAKEN



ORAL LIQUID



TYPICAL DOSING

Up to 10mg (20 drops) daily



PAIRS WELL WITH

- MOTS-c
- NAD+
- Pinealoin
- ARA-290
- Glutathione
- SS-31

Co-Factors

- Creatine
- CoQ10
- Riboflavin (B2)
- Omega-3
- Magnesium
- Alpha-Lipoic Acid



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Methylene blue is FDA-approved for acquired methemoglobinemia. **Do not combine with serotonergic medications** without physician approval. SSRIs, SNRIs, MAOIs, certain antidepressants and opioids may cause a potentially **life-threatening interaction**. Contraindicated in G6PD deficiency.



MK-677

ORAL GROWTH HORMONE SECRETAGOGUE

GH Release • IGF-1 Signaling
Lean Mass • Appetite • Recovery

"MK-677 mimics ghrelin to raise GH and IGF-1 orally, but its long activity also increases appetite and can disrupt glucose, cortisol, and prolactin signaling."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Reliably increases endogenous growth-hormone secretion
- Raises circulating IGF-1 concentrations
- Supports increases in fat-free muscle mass
- May help preserve lean tissue during calorie restriction
- Supports anabolic and recovery signaling
- May influence sleep architecture and nighttime recovery
- Increases markers of bone turnover and remodeling



TARGET AREAS



BODY
COMPOSITION



APPETITE
SIGNALING



LEAN
MASS



RECOVERY
SUPPORT



GH
RELEASE



GROWTH
SIGNALING



SLEEP
QUALITY



BONE
REMODELING



HOW IT WORKS

GHRELIN RECEPTOR

Activates GHS-R1a receptors that regulate appetite and growth-hormone release.

GH RELEASE

Stimulates release of stored growth hormone from the pituitary.

SOMATOSTATIN EFFECT

Ghrelin-pathway signaling may reduce inhibitory somatostatin tone, amplifying GH release.

IGF-1 SIGNALING

Increased GH drives downstream hepatic IGF-1 production and anabolic signaling.

SUSTAINED SIGNALING

Its long activity produces prolonged ghrelin-receptor stimulation rather than a short pulse.

TOGETHER THESE MECHANISMS

Raise GH & IGF-1 through sustained ghrelin signaling while affecting appetite, glucose, and pituitary hormones.



PAIRS WELL WITH

- KLOW
- MOTs-c
- NAD+
- ARA-290
- Glutathione
- SS-31

Co-Factors

- Creatine
- Protein Intake
- NAC
- Quality Sleep
- Magnesium
- Vitamin D3



HOW IT'S TAKEN



ORAL



TYPICAL DOSING

10-25 mg daily
Cycle 8-16 weeks



STORAGE & HANDLING

Store in a cool, dry place at room temperature, protected from heat, moisture, and direct light. Keep tightly sealed in the original container. Refrigeration is generally not required for properly manufactured capsules or tablets.



EVIDENCE LEVEL

Multiple human trials show reliable increases in GH, IGF-1, and fat-free muscle mass. Functional strength gains have not been demonstrated, and long-term metabolic and cardiovascular concerns remain. May raise fasting glucose, reduce insulin sensitivity, increase appetite, cause water retention, and elevate prolactin or cortisol during prolonged use.



MOTS-C

MITOCHONDRIAL METABOLIC PEPTIDE

Metabolic Health • Mitochondrial Function
Energy Production • Exercise Adaptation • Body Comp

"MOTS-c doesn't tell the body to burn more calories—it teaches cells to use energy more efficiently. Think of it as a mitochondrial messenger that helps your metabolism adapt to stress, much like the benefits of regular exercise."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy mitochondrial function
- Promotes metabolic flexibility
- Supports healthy insulin sensitivity
- Encourages efficient energy production
- Supports healthy body composition
- Promotes exercise adaptation and endurance
- Supports healthy aging and metabolic resilience



HOW IT WORKS

MITOCHONDRIAL SIGNALING

Acts as a mitochondrial messenger that regulates cellular metabolism.

AMPK ACTIVATION

Supports AMPK signaling to promote healthy energy balance and metabolic adaptation.

METABOLIC FLEXIBILITY

Helps cells efficiently switch between carbohydrate and fat utilization.

INSULIN SENSITIVITY

Supports healthy glucose uptake and insulin responsiveness.

EXERCISE ADAPTATION

Promotes cellular adaptations associated with physical activity and metabolic resilience.

TOGETHER THESE MECHANISMS

Support efficient energy metabolism, metabolic flexibility, and healthy body composition.



TARGET AREAS



METABOLISM



ENERGY PRODUCTION



ACTIVE PERFORMANCE



HEALTHY AGING



INSULIN SENSITIVITY



BODY COMPOSITION



PERFORMANCE & ENDURANCE



MITOCHONDRIAL HEALTH



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

1 mg daily or
2 - 5 mg 2 -3 times weekly



PAIRS WELL WITH

- CJC / Ipamorelin
- Tesamorelin
- AOD-9604
- Retatrutide
- 5-Amino-1MQ
- SS-31

Co-Factors

- Protein Intake
- Creatine
- Magnesium
- CoQ10
- Alpha-Lipoic Acid
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Early human studies suggest MOTS-c supports mitochondrial signaling, insulin sensitivity, metabolic flexibility, and exercise adaptation. MOTS-c should currently be considered an investigational research peptide.



NAD⁺

CELLULAR ENERGY & REPAIR COENZYME

Cellular Energy • Mitochondrial Health • DNA Repair
Metabolic Function • Healthy Aging

"NAD⁺ is cellular currency. It helps transfer energy, supports DNA repair, and powers enzymes that coordinate how cells respond to stress and aging."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports cellular energy production
- Promotes healthy mitochondrial function
- Supports DNA repair pathways
- Helps maintain cellular redox balance
- Supports healthy metabolic function
- Promotes cellular stress resilience
- Supports healthy aging pathways



HOW IT WORKS

REDOX TRANSFER

Transfers electrons between NAD⁺ and NADH during energy metabolism.

ATP PRODUCTION

Supports glycolysis, the TCA cycle, and mitochondrial respiration.

SIRTUIN ACTIVITY

Supplies NAD⁺ to enzymes involved in metabolism and stress response.

DNA REPAIR

Supports PARP enzymes that help detect and repair DNA damage.

CELLULAR RESILIENCE

Links energy availability with repair, adaptation, and cell survival.

TOGETHER THESE MECHANISMS

Support cellular energy, DNA repair, and resilience during metabolic stress.



TARGET AREAS



RECOVERY & HEALING



ENERGY PRODUCTION



CELLULAR REPAIR



HEALTHY AGING



BRAIN HEALTH



METABOLISM



PERFORMANCE & ENDURANCE



MITOCHONDRIAL HEALTH



HOW IT'S TAKEN



IV • SUBCUTANEOUS
ORAL PRECURSORS



TYPICAL DOSING

SubQ 50 – 100 mg once daily



PAIRS WELL WITH

- SS-31
- MOTS-c
- GHK-Cu
- 5-Amino-1MQ
- Epitalon
- Semax

Co-Factors

- Magnesium
- Creatine
- Riboflavin
- CoQ10
- Alpha-Lipoic Acid
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Human studies show that oral precursors can increase NAD⁺ levels, but consistent clinical benefits remain under investigation. Evidence for direct IV or injectable NAD⁺ is limited, and compounded injectable products carry quality and safety concerns.



OVAGEN

LIVER & GI PEPTIDE BIOREGULATOR

Liver Health • Detoxification • GI Protection
Mucosal Health • Cellular Renewal

"Ovagen supports liver and gastrointestinal resilience by influencing gene programs involved in cellular renewal, protein synthesis, and mucosal protection."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy liver-cell function and resilience
- Promotes recovery following hepatic stress
- Supports normal protein-synthesis activity
- Encourages gastrointestinal mucosal integrity
- Helps maintain healthier inflammatory signaling
- May support balanced fibrosis-related pathways
- Promotes long-term liver and GI tissue health



TARGET AREAS



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg nightly for 10-20 days
Cycled 2-4 times a year



HOW IT WORKS

CHROMATIN ACCESS

May open compacted DNA regions and reactivate age-silenced cellular programs.

GENE REGULATION

Influences transcription involved in liver metabolism, stress response, and repair.

PROTEIN SYNTHESIS

Supports ribosomal activity and healthy protein production in target cells.

MUCOSAL PROTECTION

Helps maintain gastrointestinal epithelial integrity and barrier function.

FIBROSIS BALANCE

May regulate signaling involved in excessive hepatic scarring and remodeling.

TOGETHER THESE MECHANISMS

Support liver resilience, gastrointestinal protection, and healthier cellular renewal.



PAIRS WELL WITH

- Livagen
- KPV
- BPC-157
- NAD+
- SS-31
- Glutathione

Co-Factors

- NAC
- Glycine
- Selenium
- Alpha-Lipoic Acid
- Choline
- Omega-3



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cellular, animal & regional research suggests Ovagen supports liver resilience, gastrointestinal mucosal integrity, protein synthesis, & fibrosis-related signaling. Controlled human efficacy, standardized dosing, and long-term safety remain poorly established.



OXYTOCIN

SOCIAL & REPRODUCTIVE NEUROPEPTIDE

Social Bonding • Emotional Connection • Sexual Function
Stress Regulation • Reproductive Signaling

"Oxytocin connects social and reproductive biology, coordinating bonding, emotional signaling, sexual response, and smooth-muscle contraction through one receptor system."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy social bonding and connection
- Promotes emotional recognition and social awareness
- Supports intimacy and healthy sexual response
- May help regulate stress-related emotional signaling
- Supports maternal bonding and lactation physiology
- Coordinates reproductive smooth-muscle activity
- May support social functioning in research settings



HOW IT WORKS

OXYTOCIN RECEPTOR

Activates Gq-coupled oxytocin receptors throughout the brain and body.

SOCIAL SIGNALING

Modulates neural pathways involved in bonding, trust, and social recognition.

STRESS RESPONSE

Influences limbic and HPA-axis signaling involved in emotional stress.

SEXUAL FUNCTION

Supports arousal, orgasm-related signaling, and reproductive contractions.

SMOOTH MUSCLE

Raises intracellular calcium to contract uterine and mammary smooth muscle.

TOGETHER THESE MECHANISMS

Coordinate social behavior, emotional, reproductive, and smooth-muscle activity.



TARGET AREAS



SOCIAL
BONDING



SEXUAL
FUNCTION



SOCIAL
AWARENESS



MOOD



REPRODUCTIVE
HEALTH



MATERNAL
FUNCTION



EMOTIONAL
CONNECTION



STRESS
REGULATION



HOW IT'S TAKEN



INTRANASAL &
SUBCUTANEOUS



TYPICAL DOSING

100-500 mcg daily



PAIRS WELL WITH

- Selank
- Semax
- DSIP
- Kisspeptin
- NAD+
- PT-141

Co-Factors

- Magnesium
- Omega-3
- Zinc
- Vitamin D3
- L-Theanine
- Quality Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Synthetic oxytocin is FDA-approved for specific obstetric uses. Systemic oxytocin can cause excessive uterine contractions, fetal distress, uterine rupture, cardiovascular effects, and water intoxication when improperly dosed. **Obstetric use requires medical supervision and continuous monitoring.**



PANCRAGEN

PANCREATIC PEPTIDE BIOREGULATOR

Pancreatic Function • Insulin Support
Glucose Regulation • Cellular Renewal • Metabolic Health

"Pancragen is designed to influence pancreatic gene activity, supporting the cells responsible for insulin production, digestive function, and tissue renewal."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy pancreatic cell function
- Promotes insulin-producing beta-cell activity
- Supports balanced glucose-regulation pathways
- Encourages pancreatic cell differentiation and renewal
- Supports healthy exocrine digestive function
- May help normalize pancreatic cellular turnover
- Supports pancreatic resilience during aging and metabolic stress



HOW IT WORKS

GENE REGULATION

Influences pancreatic gene-expression programs involved in cell function and differentiation.

BETA-CELL SUPPORT

Supports insulin-producing pancreatic cells and healthy islet activity.

CELL DIFFERENTIATION

Promotes maturation of endocrine and digestive pancreatic cell types.

TISSUE REMODELING

Influences matrix-remodeling pathways involved in pancreatic tissue renewal.

PANCREATIC BALANCE

Helps regulate proliferation, apoptosis, and functional cell composition.

TOGETHER THESE MECHANISMS

Support pancreatic cell function, tissue renewal, insulin signaling, and metabolic resilience.



TARGET AREAS



PANCREATIC
HEALTH



INSULIN
SUPPORT



PANCREATIC
RENEWAL



TISSUE
REMODELING



GLUCOSE
REGULATION



METABOLIC
HEALTH



HEALTHY
AGING



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

500 mcg 1-2x daily for 10-20 days
Cycled 2-4 times a year



PAIRS WELL WITH

- MOTS-c
- SS-31
- NAD+
- Glutathione
- Ovagen
- 5-Amino-1MQ

Co-Factors

- Magnesium
- Omega-3
- Zinc
- Vitamin D3
- Chromium
- Berberine



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Cell and animal studies suggest Pancragen may influence pancreatic gene expression, beta-cell function, cellular differentiation, and tissue remodeling. Human evidence remains limited, with no large controlled trials, validated dosing, or established long-term safety.



PE-22-28

TREK-1-TARGETING MOOD PEPTIDE

Mood Regulation • Emotional Resilience • Neurogenesis
Synaptic Health • Brain Plasticity

"PE-22-28 targets the TREK-1 potassium channel, linking mood regulation with new neuron growth and stronger synaptic connections."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy mood-related neural signaling
- Promotes emotional resilience during mental stress
- Encourages the development of new neurons
- Supports stronger communication between brain cells
- Promotes adaptive synaptic plasticity and connectivity
- May support learning and cognitive flexibility
- Supports long-term neurological resilience



HOW IT WORKS

TREK-1 BLOCKADE

Selectively inhibits TREK-1 potassium-channel activity in neural cells.

NEURAL EXCITABILITY

May shift neuronal signaling toward healthier mood-related activity.

NEUROGENESIS

Promotes new neuron development in preclinical brain models.

SYNAPTogenesis

Supports the formation of stronger functional connections between neurons.

EXTENDED ACTIVITY

Shows longer-lasting preclinical activity than the original spadin peptide.

TOGETHER THESE MECHANISMS

Support mood-related signaling, neurogenesis, and stronger neural connectivity.



TARGET AREAS



NEURO-PLASTICITY



STRESS RESILIENCE



NEUROGENESIS



SYNAPTIC HEALTH



BRAIN HEALTH



MOOD



COGNITIVE BALANCE



EMOTIONAL REGULATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

50-200 mcg daily



PAIRS WELL WITH

- Selank
- Semax
- Adamax
- DSIP
- SS-31
- NAD+

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- Phosphatidylserine
- NAC
- Consistent Sleep



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Studies show that PE-22-28 selectively inhibits TREK-1, promotes neurogenesis and synaptic-marker expression, and produces antidepressant-like effects. However, human safety, pharmacokinetics, clinical efficacy, and standardized dosing remain unestablished.



PINEALON

NEURAL PEPTIDE BIOREGULATOR

Brain Health • Neuroprotection • Memory
Cognitive Resilience • Healthy Aging

"Pinealon supports aging neurons by influencing gene activity, oxidative balance, and cellular-survival pathways tied to cognitive function."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy neuronal function during aging
- Promotes protection from oxidative cellular stress
- Supports healthy memory and cognitive performance
- Helps maintain attention and mental processing
- May reduce excessive neuronal apoptosis signaling
- Supports neurological resilience after brain stress
- Promotes healthier long-term brain aging



HOW IT WORKS

GENE REGULATION

May influence neuronal gene activity involved in function and survival.

OXIDATIVE BALANCE

Helps limit excessive reactive oxygen species in stressed neural cells.

CELL SURVIVAL

May reduce apoptosis and necrotic death during cellular stress.

SYNTHESIS

Supports proteins involved in maintaining healthy neuronal activity.

COGNITIVE RESILIENCE

May help preserve memory and processing during neurological aging.

TOGETHER THESE MECHANISMS

Support neuronal protection, cognitive resilience, and healthier brain aging.



TARGET AREAS



COGNITIVE
RESILIENCE



MEMORY



NEUROLOGICAL
RECOVERY



COGNITIVE
PERFORMANCE



BRAIN
HEALTH



NEURO-
PROTECTION



HEALTHY
AGING



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10-20 days
Cycled 2-4 times a year



PAIRS WELL WITH

- Cortagen
- Semax
- Epitalon
- NAD+
- SS-31
- Selank

Co-Factors

- NAC
- Vitamin B12
- Omega-3
- Magnesium
- Citicoline
- Phosphatidylserine



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Pinealon may regulate neuronal gene activity, reduce oxidative stress, and support cell survival. Limited human reports describe cognitive and neurological benefits, but modern controlled trials, validated dosing, and long-term safety data remain lacking.



PROSTAMAX

PROSTATE PEPTIDE BIOREGULATOR

Prostate Health • Urinary Function • Prostate Resilience
Male Reproductive Health • Healthy Aging

"Prostamax is designed as a prostate-specific bioregulator, using short-peptide signaling to influence cellular gene activity rather than directly altering testosterone."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy prostate tissue function
- Supports age-related prostate resilience
- May help maintain normal prostate cellular activity
- Supports healthy urinary function associated with prostate health
- May influence age-related gene-expression patterns
- Supports prostate tissue homeostasis and cellular balance
- Provides prostate-specific support without acting as a sex hormone



HOW IT WORKS

GENE REGULATION

May influence gene activity associated with age-related prostate cell function.

CHROMATIN ACTIVITY

Short-peptide signaling may help reopen age-silenced regions of cellular DNA.

CELLULAR BALANCE

Supports regulation of normal prostate-cell activity and tissue homeostasis.

TISSUE RESILIENCE

May help prostate tissue maintain function during age-related cellular stress.

PROSTATE SUPPORT

Targets regulatory pathways associated with maintaining healthy prostate tissue.

TOGETHER THESE MECHANISMS

Support prostate-specific cellular regulation, tissue resilience, and healthier age-related prostate function.



TARGET AREAS



PROSTATE
HEALTH



PROSTATE
FUNCTION



MALE
WELLNESS



CELLULAR
BALANCE



TISSUE
RESILIENCE



URINARY
FUNCTION



HEALTHY
AGING



CELLULAR
REGULATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

0.5-2 mg daily for 10-30 days
Cycled 2-4 times a year



PAIRS WELL WITH

- Kisspeptin-10
- hCG
- Testagen
- KLOW
- SS-31
- Glutathione

Co-Factors

- Zinc
- Vitamin D3
- Selenium
- Omega-3
- Magnesium
- Lycopene



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Prostamax has mechanistic human-cell evidence showing effects on chromatin organization and gene activity, with additional prostate-specific claims derived largely from the Khavinson research tradition. Controlled human trials of Prostamax are lacking. It is not FDA-approved.



PT-141

SEXUAL AROUSAL SIGNALING PEPTIDE

Sexual Desire • Arousal Signaling • Libido
Sexual Response • Intimacy

"PT-141 works in the brain's sexual-arousal pathways, increasing desire and response without acting like testosterone or a traditional blood-flow medication."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports sexual desire and arousal signaling
- May improve sexual response in appropriate patients
- Acts through central nervous-system pathways
- Does not require direct testosterone replacement
- Works differently from PDE5 erectile-dysfunction drugs
- May support libido in both male and female research settings
- Has an FDA-approved prescription form for a specific female sexual-desire disorder



TARGET AREAS



SEXUAL
DESIRE



LIBIDO



SEXUAL
RESPONSE



REPRODUCTIVE
WELLNESS



SEXUAL
AROUSAL



INTIMACY
SUPPORT



SENSORY
RESPONSE



BRAIN
AROUSAL



HOW IT WORKS

MELANOCORTIN SIGNALING

Activates melanocortin receptors involved in sexual motivation and arousal.

BRAIN AROUSAL PATHWAYS

Stimulates central neural circuits that influence sexual desire and response.

SEXUAL MOTIVATION

Enhances signaling associated with libido and interest in sexual activity.

AUTONOMIC RESPONSE

Influences nervous-system pathways involved in genital sexual response.

NON-HORMONAL ACTION

Works without directly replacing testosterone, estrogen, or other sex hormones.

TOGETHER THESE MECHANISMS

Enhance sexual-arousal signaling & sexual responsiveness w/o replacing reproductive hormones.



PAIRS WELL WITH

- Kisspeptin-10
- hCG
- Testagen
- Selank
- Oxytocin
- NAD+

Co-Factors

- Zinc
- Vitamin D3
- L-Citrulline
- Omega-3
- Magnesium
- Quality Sleep



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

1-2 mg before sexual activity
MAX 1 x daily or 8 x monthly



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

PT-141 is FDA-approved as Vyleesi for acquired, generalized hypoactive sexual desire disorder in premenopausal women. PT-141 can temporarily raise blood pressure and lower heart rate. Nausea, flushing, headache, and injection-site reactions are also common.



RETATRUTIDE

ADVANCED TRIPLE METABOLIC AGONIST

Metabolic Health • Appetite Control
Energy Expenditure • Glucose Balance • Liver Support

"Retatrutide isn't simply another GLP-1 peptide. It represents a new generation of metabolic signaling by combining GLP-1, GIP, and glucagon into one coordinated system that influences both energy intake and energy expenditure."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy body weight management
- Promotes appetite regulation and satiety
- Supports healthy glucose metabolism
- Encourages healthy energy expenditure
- Supports metabolic flexibility and efficient energy utilization
- Promotes healthy liver fat metabolism
- Supports overall cardiometabolic health



HOW IT WORKS

GLP-1 SIGNALING

Supports satiety, slows gastric emptying, promotes healthy glucose-dependent insulin secretion.

GIP SIGNALING

Supports coordinated insulin response, nutrient handling, and metabolic adaptation alongside GLP-1.

GLUCAGON SIGNALING

Supports energy expenditure, fatty acid oxidation, and metabolic flexibility, making Retatrutide distinct.

METABOLIC REPROGRAMMING

Coordinates appetite regulation, glucose control, and fuel utilization through complementary pathways.

LIVER FAT METABOLISM

Supports hepatic fat reduction and healthier metabolic function in research settings.

TOGETHER THESE MECHANISMS

Support appetite regulation, metabolic flexibility, energy expenditure & healthy body composition.



TARGET AREAS



METABOLISM



INSULIN
SENSITIVITY



APPETITE
CONTROL



BODY
COMPOSITION



LEAN MUSCLE
GROWTH



BLOOD SUGAR
REGULATION



ENERGY
PRODUCTION



PERFORMANCE
& ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS •
ONCE WEEKLY



TYPICAL DOSING

1 - 12 mg Weekly



PAIRS WELL WITH

- Tesamorelin
- SS-31
- MOTS-c
- CJC-1295/Ipamorelin
- AOD-9604
- 5-Amino-1MQ

Co-Factors

- Protein Intake
- Creatine
- Magnesium
- Electrolytes
- Omega-3
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Retatrutide has one of the strongest human clinical evidence bases among investigational metabolic peptides, with Phase 2 studies and positive Phase 3 topline results demonstrating substantial effects on body weight, liver fat, and metabolic health.



SELANK AMIDATE

STABILIZED STRESS-REGULATION PEPTIDE

Calm • Stress Resilience • Emotional Balance
Focus • Extended Stability

"Selank Amidate preserves Selank's calming framework while protecting both ends of the peptide for greater enzymatic stability."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports a calm, balanced mental state
- Promotes healthy stress-response regulation
- Supports emotional resilience under pressure
- Encourages clear focus without sedation
- Supports healthy mood and cognitive balance
- Offers increased resistance to enzymatic breakdown
- Supports longer-lasting neuroregulatory research activity



HOW IT WORKS

GABA MODULATION

Supports inhibitory signaling involved in calm and emotional regulation.

STRESS RESPONSE

Helps regulate neural pathways activated during psychological stress.

ENKEPHALIN SIGNALING

May influence endogenous peptide systems involved in mood and stress adaptation.

TERMINAL PROTECTION

Acetylation and amidation protect the peptide's vulnerable terminal regions.

BRAIN EXPOSURE

The adamantane group is designed to increase lipophilicity and support greater brain penetration.

TOGETHER THESE MECHANISMS

Support calm focus, emotional balance, and more stable neuropeptide signaling.



TARGET AREAS



FOCUS



STRESS
RESILIENCE



CALM &
RELAXATION



COGNITIVE
BALANCE



BRAIN
HEALTH



MOOD



NEURO-
PROTECTION



EMOTIONAL
REGULATION



HOW IT'S TAKEN



INTRANASAL &
SUBCUTANEOUS



TYPICAL DOSING

Nasal 250-750 mcg 1-3 times daily
SubQ 200-500 mcg 1-2 x daily



PAIRS WELL WITH

- Semax
- SS-31
- DSIP
- NAD+
- BPC-157
- Epitalon

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- L-Theanine
- Quality Sleep
- Meditation



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles. Follow formulation-specific instructions.



EVIDENCE LEVEL

Selank has preclinical and regional human research supporting anxiolytic, stress-regulating, and cognitive effects. However, large international randomized trials remain limited, and Selank is not FDA-approved.



SELANK

ANXIOLYTIC & STRESS-REGULATION PEPTIDE

Calm • Stress Resilience • Mood
Focus • Cognitive Balance

"Selank is the original calming neuropeptide, supporting stress regulation and clear focus without heavy sedation."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports a calm, balanced mental state
- Promotes healthy stress-response regulation
- Supports emotional resilience under pressure
- Encourages clear focus without sedation
- Supports healthy mood and cognitive balance
- May reduce anxiety-related mental distraction
- Supports long-term neurological resilience



HOW IT WORKS

GABA MODULATION

Supports inhibitory signaling involved in calm and emotional regulation.

STRESS RESPONSE

Helps regulate neural pathways activated during psychological stress.

ENKEPHALIN SIGNALING

May influence endogenous peptide systems involved in mood and stress adaptation.

COGNITIVE BALANCE

Supports attention and mental clarity without strong stimulation.

TUFTSIN-DERIVED SIGNALING

Uses a tuftsin-related peptide sequence involved in neural and immune regulation.

TOGETHER THESE MECHANISMS

Support calm focus, emotional balance, and resilience during mental stress.



TARGET AREAS



FOCUS



STRESS
RESILIENCE



CALM &
RELAXATION



COGNITIVE
BALANCE



BRAIN
HEALTH



MOOD



NEURO-
PROTECTION



EMOTIONAL
REGULATION



HOW IT'S TAKEN



INTRANASAL &
SUBCUTANEOUS



TYPICAL DOSING

Nasal 250-750 mcg 1-3 times daily
SubQ 200-500 mcg 1-2 x daily



PAIRS WELL WITH

- Semax
- SS-31
- DSIP
- NAD+
- BPC-157
- Epitalon

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- L-Theanine
- Quality Sleep
- Meditation



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles. Follow formulation-specific instructions.



EVIDENCE LEVEL

Selank has preclinical and regional human research supporting anxiolytic, stress-regulating, and cognitive effects. However, large international randomized trials remain limited, and Selank is not FDA-approved.



SEMEX

NEUROTROPHIC & COGNITIVE PEPTIDE

Focus • Memory • Neuroplasticity
Mental Performance • Brain Health

"Semax helps the brain adapt and learn. Rather than acting as a stimulant, it supports neuroplasticity and cognitive function through neurotrophic signaling."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports sustained focus and attention
- Promotes healthy learning and memory
- Supports adaptive brain neuroplasticity
- Encourages healthy BDNF signaling activity
- Supports clear cognitive performance
- Promotes resilience during mental stress
- Supports long-term neurological health



HOW IT WORKS

NEUROTROPHIC SIGNALING

Supports neurotrophic pathways involved in brain function and adaptation.

BDNF SUPPORT

Promotes healthy brain-derived neurotrophic factor (BDNF) activity.

NEUROPLASTICITY

Supports the formation and strengthening of neural connections.

COGNITIVE FUNCTION

Supports attention, memory, and mental performance.

STRESS RESILIENCE

Supports healthy brain function during periods of physical and mental stress.

TOGETHER THESE MECHANISMS

Support learning, memory, focus, and long-term brain health.



TARGET AREAS



FOCUS



MEMORY



NEURO-
PLASTICITY



COGNITIVE
PERFORMANCE



BRAIN
HEALTH



LEARNING



NEURO-
PROTECTION



SYNAPTIC
HEALTH



HOW IT'S TAKEN



INTRANASAL &
SUBCUTANEOUS



TYPICAL DOSING

Nasal 300-900 mcg 2-3 times daily
SubQ 200-500 mcg daily



PAIRS WELL WITH

- Selank
- PE-22-28
- SS-31
- NAD+
- Epitalon
- DSIP

Co-Factors

- Omega-3
- Magnesium
- Vitamin D3
- Citicoline
- Phosphatidylserine
- NAC



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles. Follow formulation-specific instructions.



EVIDENCE LEVEL

Semax has been studied extensively in Russia for cognitive function, neurological recovery, and neuroprotection. While preclinical and regional clinical evidence is encouraging, large randomized international trials remain limited, and Semax is considered investigational.



SERMORELIN

GHRH SIGNALING PEPTIDE

GH Release • Recovery • Lean Mass
Body Composition • Sleep Support

"Sermorelin stimulates your own pituitary to release growth hormone, preserving the body's natural GH signaling rather than replacing GH directly."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports endogenous growth hormone release
- Promotes natural GH pulse signaling
- May support recovery and tissue remodeling
- Supports lean-mass maintenance and body composition
- May support sleep-related GH secretion
- Supports downstream IGF-1 signaling
- Preserves pituitary-controlled hormone release



HOW IT WORKS

GHRH RECEPTOR

Activates growth hormone-releasing hormone receptors on pituitary cells.

GH RELEASE

Signals the pituitary to release the body's own growth hormone.

PULSE SUPPORT

Works with normal hypothalamic control to preserve pulsatile GH secretion.

IGF-1 SIGNALING

Increased GH can stimulate downstream IGF-1 production and anabolic signaling.

PITUITARY CONTROL

Relies on a functioning pituitary rather than directly replacing growth hormone.

TOGETHER THESE MECHANISMS

Support physiologic GH release, downstream growth signaling, recovery, and body composition.



TARGET AREAS



BODY
COMPOSITION



LEAN
MASS



RECOVERY
SUPPORT



TISSUE
RECOVERY



GH
RELEASE



GROWTH
SIGNALING



SLEEP
QUALITY



HEALTHY
AGING



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

200-500 mcg nightly (fasted)
Cycled 8-12 weeks



PAIRS WELL WITH

- Ipamorelin
- SS-31
- NAD+
- MOTS-c
- Glutathione
- KLOW

Co-Factors

- Creatine
- Quality Sleep
- Vitamin D3
- Magnesium
- Zinc
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Sermorelin was previously FDA-approved as Geref. Current compounded uses for adult GH support are off-label and lack standardized FDA-approved dosing. Sermorelin increases endogenous GH signaling and may raise IGF-1. Medical monitoring is recommended, for people with pituitary disorders or conditions where growth signaling may be undesirable.



SLU-PP-332

EXPERIMENTAL EXERCISE-MIMETIC COMPOUND

Exercise Adaptation • Endurance
Mitochondrial Function • Fat Oxidation • Metabolic Health

"SLU-PP-332 activates exercise-responsive ERR pathways, helping muscle cells shift toward greater mitochondrial activity, fat oxidation, and endurance."

See Notes Below

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports exercise-responsive metabolic signaling
- Promotes mitochondrial activity in muscle cells
- Encourages greater fatty-acid utilization
- Supports endurance and aerobic exercise capacity
- Promotes fatigue-resistant muscle characteristics
- May support insulin sensitivity and metabolic health
- May reduce excess fat accumulation in animal models



HOW IT WORKS

ERR ACTIVATION

Activates ERR α , ERR β , and ERR γ nuclear receptors involved in energy metabolism.

EXERCISE GENE PROGRAM

Triggers gene activity associated with an acute aerobic exercise response.

MITOCHONDRIAL ACTIVITY

Promotes cellular respiration and mitochondrial energy metabolism in muscle.

FAT OXIDATION

Supports pathways that increase fatty-acid utilization and energy expenditure.

OXIDATIVE MUSCLE

Encourages fatigue-resistant oxidative muscle-fiber characteristics.

TOGETHER THESE MECHANISMS

Support exercise adaptation, mitochondrial metabolism, and endurance-related performance.



TARGET AREAS



BODY
COMPOSITION



ENERGY
PRODUCTION



INSULIN
SENSITIVITY



ACTIVE
PERFORMANCE



FAT
UTILIZATION



METABOLISM



MITOCHONDRIAL
HEALTH



PERFORMANCE
& ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS • ORAL



NON-STANDARD RECONSTITUTION

TYPICAL DOSING

1-20+mg daily
Dosing is not well established.



PAIRS WELL WITH

- MOTS-c
- 5-Amino-1MQ
- AOD-9604
- Retatrutide
- SS-31
- NAD+

Co-Factors

- Creatine
- Magnesium
- CoQ10
- PQQ
- Omega-3
- Protein Intake



STORAGE & HANDLING

SLU-PP-332 is a lipophilic small molecule that **does NOT dissolve in water** — DMSO is required as the primary solvent. Store the lyophilized peptide in a cool, dry place. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Studies show that SLU-PP-332 activates ERR-dependent exercise gene programs, increases mitochondrial respiration and oxidative muscle characteristics, and improves endurance and metabolic markers in mice. Human safety and standardized dosing remain unestablished.



SS-31

MITOCHONDRIAL PROTECTION PEPTIDE

Mitochondrial Health • Energy Production
Oxidative Stress • Cellular Resilience • Healthy Aging

"SS-31 protects the machinery that produces cellular energy. By stabilizing the inner mitochondrial membrane, it helps stressed cells generate ATP more efficiently with less oxidative damage."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports mitochondrial membrane integrity
- Promotes efficient cellular energy production
- Helps reduce mitochondrial oxidative stress
- Supports healthy ATP production
- Promotes cellular resilience during metabolic stress
- Supports muscle and cardiovascular function
- Supports healthy aging, cognition, brain and tissue maintenance



HOW IT WORKS

CARDIOLIPIN TARGETING

Binds cardiolipin within the inner mitochondrial membrane.

MEMBRANE STABILITY

Helps preserve mitochondrial structure and membrane potential.

ELECTRON TRANSFER

Supports efficient electron flow through the respiratory chain.

OXIDATIVE STRESS

Reduces electron leak and excess reactive oxygen species.

ATP PRODUCTION

Supports efficient cellular energy production under stress.

TOGETHER THESE MECHANISMS

Protect mitochondrial function, preserve ATP production and improve cellular resilience.



TARGET AREAS



RECOVERY & HEALING



ENERGY PRODUCTION



MUSCLE HEALTH



HEALTHY AGING



BRAIN HEALTH



METABOLISM



PERFORMANCE & ENDURANCE



MITOCHONDRIAL HEALTH



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

1-2mg daily



PAIRS WELL WITH

- MOTS-c
- BPC-157
- GHK-Cu
- Semax
- Epitalon
- TB-500

Co-Factors

- Protein Intake
- Creatine
- Omega-3
- CoQ10
- NAC or Glutathione
- Aerobic Exercise



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

SS-31 has extensive preclinical research and human clinical-trial data. Elamipretide has received accelerated FDA approval for Barth syndrome, while cardiovascular, neurological, renal, performance and healthy-aging applications remain investigational.

PepTribe.us



TB-500

SYSTEMIC RECOVERY & REPAIR PEPTIDE

Recovery • Cell Migration • Tissue Remodeling
Flexibility • Performance

"TB-500 appears to function less as a direct repair signal and more as a coordinator of cellular movement, helping repair cells reach injured tissues where healing is needed."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports recovery from muscle, tendon, and ligament injuries
- Promotes cellular migration during tissue repair
- Supports flexibility and range of motion
- Encourages healthy blood vessel development
- Supports connective tissue remodeling
- Helps maintain balanced inflammatory signaling
- Promotes recovery following physical stress



HOW IT WORKS

CELL MIGRATION

Supports the movement of repair cells toward damaged tissues during the healing process.

ANGIOGENESIS

Promotes healthy blood vessel formation to improve oxygen and nutrient delivery.

ACTIN REGULATION

Supports actin organization, an essential component of cellular movement and repair.

TISSUE REMODELING

Supports connective tissue remodeling following injury and mechanical stress.

RECOVERY SUPPORT

Helps coordinate repair processes that restore tissue structure and function.

TOGETHER THESE MECHANISMS

Create an environment for tissue repair, cellular movement, flexibility, and long-term musculoskeletal recovery.



TARGET AREAS



RECOVERY &
HEALING



JOINT
HEALTH



INFLAMMATION
REDUCTION



Active
Performance



MOBILITY &
FLEXIBILITY



TISSUE
REPAIR



BONE
HEALTH



Performance &
Endurance



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 – 5 mg 1-2 times weekly



PAIRS WELL WITH

- BPC-157
- KPV
- GHK-CU
- SS-31
- MOTS-C

Co-Factors

- Collagen Peptides
- Omega-3
- Vitamin C
- Magnesium
- L-Citrulline



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Extensive preclinical research supports TB-500's role in cellular migration, tissue remodeling, angiogenesis, and musculoskeletal recovery. Human clinical evidence remains limited, and TB-500 should currently be viewed as an investigational research peptide.



TESA/IPA/CJC

DUAL-PATHWAY GH PEPTIDE BLEND

GH Signaling • Visceral Fat • Recovery
Lean Muscle • Body Composition

PepTribe

SCIENCE • COMMUNITY • CLARITY



"This blend combines two GHRH analogs with selective ghrelin-receptor signaling to amplify endogenous GH release while emphasizing visceral-fat and body-comp support."

-Professor Pep



BENEFITS

- Supports coordinated endogenous growth hormone release
- Promotes healthy downstream IGF-1 signaling
- Supports reduction of visceral abdominal fat
- Encourages healthier overall body composition
- Supports lean muscle maintenance and recovery
- Promotes restorative nighttime recovery signaling
- Supports metabolic health and physical performance



HOW IT WORKS

TESAMORELIN

Activates pituitary GHRH receptors and supports visceral-fat reduction.

CJC-1295 NO DAC

Provides short-acting GHRH signaling that supports physiologic GH pulses.

IPAMORELIN

Activates ghrelin receptors to selectively stimulate endogenous GH release.

GH & IGF-1 AXIS

Supports downstream signaling involved in recovery and body composition.

DUAL-PATHWAY SIGNALING

Combines GHRH and ghrelin pathways for coordinated GH stimulation.

TOGETHER THESE MECHANISMS

Support physiologic GH release, recovery, and healthy body composition.



TARGET AREAS



BODY
COMPOSITION



LEAN MUSCLE
SUPPORT



SLEEP
QUALITY



RECOVERY &
HEALING



VISCERAL
FAT



METABOLISM



GH
SUPPORT



PERFORMANCE
& ENDURANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

10-20 units @ 3mL nightly (fasted)
12 week cycle • 4 week break



PAIRS WELL WITH

- KLOW
- Epitalon
- Glutathione
- SS-31
- MOTS-c
- NAD+

Co-Factors

- Creatine
- Magnesium
- Zinc
- Vitamin D3
- Quality Sleep
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Tesamorelin has substantial human clinical evidence and an approved indication for reducing excess visceral abdominal fat in adults. CJC/Ipamorelin have mechanistic evidence for stimulating GH, but this three-compound blend lacks controlled human trials.



TESAMORELIN

GH-RELEASING HORMONE (GHRH) ANALOG

Visceral Fat • Body Composition • GH Signaling
Recovery • Metabolic Health

"Tesamorelin is designed to restore physiologic growth hormone signaling, with its strongest clinical evidence supporting the reduction of visceral abdominal fat—not general weight loss."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports endogenous growth hormone release
- Promotes healthy IGF-1 production
- Reduces visceral abdominal fat
- Supports healthy body composition
- Helps preserve lean muscle mass
- Helps supports metabolic health
- Promotes recovery and healthy aging



HOW IT WORKS

GHRH RECEPTOR

Activates GHRH receptors to stimulate natural GH release.

GH & IGF-1

Supports physiologic GH secretion and healthy IGF-1 production.

VISCERAL FAT

Promotes reduction of visceral adipose tissue while preserving lean mass.

BODY COMPOSITION

Supports healthier body composition through endogenous GH signaling.

METABOLIC HEALTH

Supports metabolic function associated with reduced visceral fat.

TOGETHER THESE MECHANISMS

Support physiologic GH signaling, reduced visceral fat, and healthier body composition.



TARGET AREAS



BODY
COMPOSITION



LEAN MUSCLE
SUPPORT



INSULIN
SENSITIVITY



HEALTHY
AGING



VISCERAL
FAT



METABOLISM



GH
SUPPORT



ACTIVE
PERFORMANCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

1 - 2 mg daily



PAIRS WELL WITH

- MOTS-c
- SS-31
- Retatrutide
- 5-Amino-1MQ
- AOD-9604
- CJC / Ipamorelin

Co-Factors

- Omega-3
- Magnesium
- Creatine
- Quality Sleep
- Protein Intake
- Resistance Training



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles. Follow formulation-specific instructions.



EVIDENCE LEVEL

Tesamorelin is FDA-approved for the reduction of excess visceral abdominal fat. It has extensive human clinical data supporting endogenous GH stimulation and visceral fat reduction.



TESTAGEN

TESTICULAR PEPTIDE BIOREGULATOR

Testicular Function • Hormone Balance
Sperm Production • Male Fertility • Healthy Aging

"Testagen is designed to regulate male endocrine tissue at the gene-expression level, supporting testicular function without acting as direct testosterone replacement."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy testicular cell function
- May support natural testosterone-related signaling
- Supports sperm-production pathways
- May help maintain male fertility function
- Supports age-related endocrine resilience
- May influence thyroid-gonadal coordination
- Supports healthy gene-expression patterns in reproductive tissue



HOW IT WORKS

GENE REGULATION

May influence DNA and histone activity involved in endocrine gene expression.

TESTICULAR SUPPORT

Supports activity and differentiation of Leydig, Sertoli, and germ cells.

HORMONE SIGNALING

May influence pathways involved in testosterone and thyroid-related endocrine function.

SPERM PRODUCTION

Supports cellular processes involved in spermatogenesis and reproductive function.

ENDOCRINE BALANCE

May help coordinate pituitary, thyroid, and testicular signaling during aging.

TOGETHER THESE MECHANISMS

Support testicular function, reproductive signaling, sperm production, & endocrine resilience.



TARGET AREAS



HORMONE
BALANCE



MALE
FERTILITY



TESTICULAR
FUNCTION



SPERM
PRODUCTION



TESTOSTERONE
SUPPORT



ENDOCRINE
FUNCTION



HEALTHY
AGING



CELLULAR
REGULATION



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10 days
Cycled 2-4 times a year



PAIRS WELL WITH

- Kisspeptin-10
- hCG
- Prostamex
- Oxytocin

Co-Factors

- Zinc
- Vitamin D3
- CoQ10
- Omega-3
- Magnesium
- Selenium



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Testagen has early evidence for endocrine, testicular, and sperm-production support, but large controlled trials, standardized dosing, and long-term safety data are lacking. Because Testagen may influence gene expression and cell differentiation in endocrine tissue, long-term tumor-related safety has not been established.



THYMOSIN ALPHA-1

THYMIC IMMUNE-REGULATION PEPTIDE

Immune Balance • T-Cell Support • Antigen Recognition
Viral Defense • Immune Resilience

"Thymosin alpha-1 helps coordinate immune defense by improving antigen recognition, T-cell activity, and immune balance rather than simply stimulating immunity."

-Professor Pep

PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy T-cell development and activity
- Promotes effective antigen recognition and presentation
- Supports dendritic-cell maturation and signaling
- Encourages healthy natural-killer-cell activity
- Helps maintain balanced inflammatory responses
- Supports immune resilience during physiological stress
- Promotes coordinated innate and adaptive immunity



HOW IT WORKS

TOLL-LIKE RECEPTORS

Modulates TLR2 and TLR9 signaling involved in immune recognition.

DENDRITIC CELLS

Supports dendritic-cell maturation and stronger antigen presentation.

T-CELL ACTIVITY

Promotes healthy CD4+ and CD8+ T-cell development and function.

IMMUNE SURVEILLANCE

Supports NK-cell activity and recognition of abnormal or infected cells.

CYTOKINE BALANCE

Helps coordinate protective cytokine signaling while limiting excess inflammation.

TOGETHER THESE MECHANISMS

Support immune recognition, coordinated defense, and healthier immune regulation.



TARGET AREAS



IMMUNE
BALANCE



IMMUNE
SUPPORT



ANTIGEN
RECOGNITION



T-CELL
FUNCTION



IMMUNE
SURVEILLANCE



INFLAMMATORY
BALANCE



VIRAL
DEFENSE



IMMUNE
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

SubQ 1.6 mg 2x a week or 500mcg daily
4-8 weeks on 4 weeks off



PAIRS WELL WITH

- KLOW
- KPV
- Glutathione
- SS-31
- NAD+
- Bronchogen

Co-Factors

- Vitamin D3
- Omega-3
- Zinc
- Vitamin C
- Selenium
- Magnesium



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Thymosin alpha-1 has decades of international clinical research and use across immune-related conditions. Human evidence supports immunomodulatory activity and generally favorable tolerability, but it is not FDA-approved for routine use in USA.



TRI-HEAL

ADVANCED HEALING & RECOVERY BLEND

Repair • Recovery • Immune Balance
Barrier Protection • Inflammation Control

Tri-Heal combines three complementary peptides that coordinate repair, calm excessive inflammation, and support recovery where healing is needed most."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports collagen production and skin firmness
- Promotes tissue repair and wound recovery
- Encourages healthy hair and connective tissue
- Supports skin hydration and elasticity
- Helps maintain balanced inflammatory signaling
- Promotes healthy aging and tissue remodeling
- Supports long-term skin and structural integrity



HOW IT WORKS

BPC-157

Tendon Repair • Gut Protection • Angiogenesis •
Tissue Recovery • Inflammation Balance

TB-500

Recovery • Cell Migration • Tissue Remodeling •
Flexibility • Performance

KPV

Gut Protection • Immune Balance • Barrier Repair •
Inflammation Control • Tissue Recovery

REPAIR + REMODELING

BPC-157 coordinates repair while TB-500 supports cellular migration and connective tissue remodeling.

IMMUNE + BARRIER SUPPORT

KPV promotes immune balance & supports epithelial barrier integrity.

TOGETHER THESE MECHANISMS

Create a coordinated environment for tissue repair, immune balance, and long-term recovery.



TARGET AREAS



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

0.5 - 2 mg daily



PAIRS WELL WITH

- GHK-Cu
- SS-31
- MOTS-c
- Cartalax
- ARA-290
- Thymosin Alpha-1

Co-Factors

- Vitamin C
- Zinc Carnosine
- L-Glutamine
- Collagen Peptides
- Magnesium
- Omega-3



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Tri-Heal combines three investigational peptides with complementary roles. While each peptide has encouraging preclinical support, the blend itself has not been evaluated in clinical trials and should be considered an investigational research blend.



VESUGEN

VASCULAR PEPTIDE BIOREGULATOR

Vascular Health • Endothelial Function
Healthy Circulation • Vessel Resilience • Healthy Aging

"Vesugen targets vascular endothelium—the inner lining of blood vessels—with research spanning circulation, vascular aging, and even blood-flow-related erectile function."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports healthy vascular endothelial function
- Promotes blood-vessel integrity and resilience
- May support healthy circulation with aging
- Supports endothelial-cell renewal pathways
- May improve vascular blood flow in compromised tissue
- May support vasculogenic erectile function
- Supports healthier age-related vascular function



HOW IT WORKS

GENE REGULATION

May influence gene activity involved in vascular-cell function and renewal.

ENDOTHELIAL SUPPORT

Targets cells lining blood vessels to support healthy vascular function.

CELL RENEWAL

May restore age-related declines in endothelial-cell proliferation.

VESSEL INTEGRITY

Supports healthy structure and function of the vascular wall.

VASCULAR AGING

May help preserve blood-vessel function during age-related cellular decline.

TOGETHER THESE MECHANISMS

Support endothelial function, vascular integrity, cellular renewal, and healthier blood-vessel aging.



TARGET AREAS



VASCULAR
HEALTH



ENDOTHELIAL
FUNCTION



HEALTHY
CIRCULATION



VESSEL
INTEGRITY



ERECTILE
FUNCTION



VASCULAR
RENEWAL



HEALTHY
AGING



CELLULAR
RESILIENCE



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

2 mg daily for 10 days
Cycled 2-4 times a year



PAIRS WELL WITH

- Cardiogen
- VIP
- SS-31
- KLOW
- Glutathione
- ARA-290

Co-Factors

- CoQ10
- Vitamin C
- NAC
- Omega-3
- Magnesium
- L-Citrulline



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Vesugen has endothelial-cell research and limited human vascular studies suggesting possible support for blood flow and vascular function. However, large independent trials, standardized dosing, and long-term safety data are lacking. It is not FDA-approved.



VILON

THYMIC PEPTIDE BIOREGULATOR

Thymic Function • T-Cell Support • Gene Regulation
Immune Resilience • Healthy Aging

"Vilon is a two-amino-acid thymic bioregulator studied for reopening silenced chromatin and supporting the gene activity that guides immune-cell function and aging."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports thymic immune-cell activity and regulation
- Promotes T-cell activation and differentiation
- May reactivate age-silenced gene expression
- Supports ribosomal activity and protein synthesis
- May improve immune resilience during aging or stress
- Supports chromatin remodeling in aging cells
- Has demonstrated broader geroprotective effects in animal models



HOW IT WORKS

CHROMATIN REMODELING

May decondense silenced chromatin, improving access to previously inactive genes.

GENE REGULATION

Modulates transcription involved in immune activity, aging, and cellular adaptation.

RIBOSOMAL ACTIVATION

May reactivate ribosomal genes and increase protein-synthesis capacity.

T-CELL SIGNALING

Supports thymocyte activation and differentiation toward functional T-cell populations.

IMMUNE MODULATION

Influences lymphocyte activation, receptor expression, and cytokine-related signaling.

TOGETHER THESE MECHANISMS

Support thymic renewal and immune-cell maturation.



TARGET AREAS



IMMUNE
BALANCE



THYMIC
FUNCTION



IMMUNE
RESILIENCE



T-CELL
SUPPORT



CELL
MATURATION



IMMUNE
DEFENSE



CELL
SURVIVAL



HEALTHY
AGING



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

5 mg daily for 7-12 days
Repeat every 4-6 months



PAIRS WELL WITH

- Thymosin Alpha-1
- Crystagen
- LL-37
- VIP
- Glutathione
- SS-31

Co-Factors

- Zinc
- Selenium
- NAC
- Omega-3
- Magnesium
- Vitamin D3



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Vilon has cell, animal, and limited human research supporting thymic immune regulation, chromatin remodeling, T-cell activity, and geroprotective effects. Vilon influences gene expression, chromatin structure, and immune-cell activity. Long-term human safety and effects of repeated exposure have not been established.



VIP

NEUROIMMUNE & VASCULAR SIGNALING PEPTIDE

Immune Balance • Healthy Circulation • Airway Function
Gut Regulation • Circadian Rhythm

"VIP is a multi-system signaling peptide that links the nervous system with immune activity, blood-vessel tone, smooth-muscle function, and the body's circadian clock."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports balanced inflammatory and immune signaling
- Promotes healthy vascular tone and blood flow
- Supports airway relaxation and respiratory function
- Helps regulate gastrointestinal motility and secretion
- Supports mucosal and epithelial function
- Helps synchronize circadian rhythms and biological timing
- May support neuronal survival during oxidative or inflammatory stress



HOW IT WORKS

VPAC RECEPTORS

Activates VPAC1 and VPAC2 receptors across neural, immune, vascular, and epithelial tissues.

CAMP / PKA ACTIVATION

Raises cellular cAMP and activates PKA to influence signaling and gene expression.

SMOOTH-MUSCLE RELAXATION

Relaxes vascular, airway, and gastrointestinal smooth muscle to support blood flow, breathing, and motility.

IMMUNE REGULATION

Modulates cytokine signaling & can shift immune activity away from excessive pro-inflammatory.

CIRCADIAN SIGNALING

Influences CREB and clock genes such as Per1 and Per2 to help synchronize circadian rhythms.

TOGETHER THESE MECHANISMS

Coordinate vascular tone, immune balance, gastrointestinal function, and circadian signaling.



TARGET AREAS



IMMUNE
BALANCE



AIRWAY
FUNCTION



GUT
FUNCTION



MUCOSAL
HEALTH



INFLAMMATORY
BALANCE



NEURO-
PROTECTION



CIRCADIAN
RHYTHM



HEALTHY
CIRCULATION



HOW IT'S TAKEN



INTRANASAL &
SUBCUTANEOUS



TYPICAL DOSING

Nasal 50-100mcg 2-4 x daily
SubQ 50-200mcg 1-2 x daily
Cycle data unknown



PAIRS WELL WITH

- Bronchogen
- Chonluten
- Pinealon
- Cardiogen
- Thymosin Alpha-1
- SS-31

Co-Factors

- NAC
- CoQ10
- Vitamin D3
- Omega-3
- Magnesium
- Quercetin



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36-46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

VIP biology is well established, and synthetic VIP (aviptadil) has been studied in humans for pulmonary and respiratory conditions. VIP can cause vasodilation, hypotension, flushing, increased heart rate, and diarrhea, particularly with systemic exposure. It is not FDA-approved in the U.S. and should be used with careful monitoring.



WOLVERINE

THE ULTIMATE RECOVERY BLEND

Tendon Repair • Tissue Recovery • Angiogenesis
Cell Migration • Performance Recovery

"If BPC-157 is the repair coordinator and TB-500 is the repair crew, Wolverine brings them together into one regenerative system. One peptide directs the healing process while the other helps deliver the cells needed to rebuild damaged tissue."

-Professor Pep



PepTribe

SCIENCE • COMMUNITY • CLARITY



BENEFITS

- Supports recovery from muscle, tendon, and ligament injuries
- Promotes connective tissue remodeling
- Encourages healthy blood vessel formation
- Supports flexibility and range of motion
- Helps maintain balanced inflammatory signaling
- Promotes faster recovery following physical stress
- Supports long-term musculoskeletal health



HOW IT WORKS

BPC-157

Tendon Repair • Gut Protection • Angiogenesis
Tissue Recovery • Inflammation Balance

TB-500

Recovery • Cell Migration • Tissue Remodeling
Flexibility • Performance

SIGNAL + DELIVERY

BPC-157 helps coordinate repair signaling while TB-500 supports the movement of repair cells.

REMODELING + RECOVERY

Together they promote tissue remodeling, connective tissue recovery, and restoration of structural function.

TOGETHER THESE MECHANISMS

Create a coordinated environment for tissue repair, and long-term musculoskeletal recovery.



TARGET AREAS



RECOVERY & HEALING



COLLAGEN SUPPORT



INFLAMMATION REDUCTION



PERFORMANCE & ENDURANCE



MOBILITY & FLEXIBILITY



TISSUE REPAIR



JOINT HEALTH



BONE HEALTH



HOW IT'S TAKEN



SUBCUTANEOUS



TYPICAL DOSING

0.5 - 1 mg 1-2 times daily



PAIRS WELL WITH

- ARA-290
- GHK-Cu
- KPV
- MOTS-c
- SS-31
- Cartalax

Co-Factors

- Vitamin C
- Collagen Peptides
- Omega-3
- Magnesium
- L-Citrulline
- Protein Intake



STORAGE & HANDLING

Store the lyophilized peptide in a cool, dry place away from heat, light, and moisture. After reconstitution, refrigerate at 36–46°F and avoid repeated freeze-thaw cycles.



EVIDENCE LEVEL

Wolverine combines two investigational peptides with complementary roles in tissue repair, angiogenesis, cellular migration, and connective tissue remodeling and should be viewed as an investigational regenerative research blend.