



PRODUCT EDUCATION GUIDE

RESEARCH COMPOUND MENU

A simple, no-price reference to what each compound is commonly studied for.

NO PRICES

METABOLIC

RECOVERY

GH / PERFORMANCE

BRAIN / SLEEP

MITO / AGING

HORMONE / PIGMENT

Educational reference only. Research status varies by compound. Descriptions summarize biological mechanisms and areas of scientific study and are not treatment claims, dosing guidance, or medical advice.

[APEXBIOLABS.NET](https://apexbiolabs.net)



METABOLIC & WEIGHT RESEARCH

Simple educational descriptions - no prices

Retatrutide

Triple GIP / GLP-1 / glucagon receptor agonist being studied for appetite, body weight and metabolic health.

RESEARCH OVERVIEW

Tirzepatide

Dual GIP / GLP-1 receptor agonist used in approved medicines for blood-sugar control and chronic weight management.

RESEARCH OVERVIEW

Semaglutide

GLP-1 receptor agonist used in approved medicines for blood-sugar control, appetite regulation and chronic weight management.

RESEARCH OVERVIEW

Cagrilintide

Long-acting amylin analog being studied for appetite, fullness and weight management.

RESEARCH OVERVIEW

5-Amino-1MQ

Experimental NNMT-inhibitor research compound studied in metabolism and fat-cell biology; human evidence is limited.

RESEARCH OVERVIEW

MOTS-C

Mitochondrial-derived peptide studied for cellular energy, metabolism, insulin signaling and exercise-related physiology.

RESEARCH OVERVIEW

NAD+

Natural cellular coenzyme central to energy production, redox reactions and many cellular repair processes.

RESEARCH OVERVIEW



RECOVERY, SKIN & TISSUE RESEARCH

Simple educational descriptions - no prices

BPC-157

Experimental peptide studied mainly in preclinical models for tissue repair, gastrointestinal protection and inflammatory pathways.

RESEARCH OVERVIEW

TB-500

Thymosin beta-4-related research peptide studied for cell migration, tissue repair and recovery biology.

RESEARCH OVERVIEW

GHK-Cu

Copper-binding peptide studied for collagen production, skin remodeling, wound healing and hair-related biology.

RESEARCH OVERVIEW

KPV

Small peptide fragment studied for anti-inflammatory signaling, especially in gut and skin research.

RESEARCH OVERVIEW

Glutathione

Naturally occurring antioxidant involved in cellular defense, detoxification chemistry and oxidative-stress control.

RESEARCH OVERVIEW

Thymosin Alpha-1

Immune-signaling peptide studied for modulation of innate and adaptive immune responses.

RESEARCH OVERVIEW

Wolverine Blend

Recovery-focused research blend. Effects depend on the exact ingredients and concentrations in the formulation.

RESEARCH OVERVIEW

Glow70

Skin and recovery research blend. Intended research focus depends on the exact formula in the vial.

RESEARCH OVERVIEW

KLOW

Multi-compound research blend. Intended research focus depends on the exact ingredients and concentrations.

RESEARCH OVERVIEW



GROWTH HORMONE & PERFORMANCE RESEARCH

Tesamorelin

GHRH analog that stimulates natural growth-hormone release; an approved formulation is used for excess visceral abdominal fat in HIV-associated lipodystrophy. [RESEARCH OVERVIEW](#)

Ipamorelin / IPA

Ghrelin-receptor agonist and growth-hormone secretagogue studied for stimulation of GH release. [RESEARCH OVERVIEW](#)

CJC / IPA

Research combination designed to act on complementary growth-hormone signaling pathways. [RESEARCH OVERVIEW](#)

CJC-1295 w/ DAC

Longer-acting GHRH analog studied for sustained growth-hormone signaling. [RESEARCH OVERVIEW](#)

Sermorelin

GHRH fragment that stimulates pituitary growth-hormone release. [RESEARCH OVERVIEW](#)

IGF-1

Growth factor involved in cell growth, muscle and tissue development, recovery and metabolic signaling. [RESEARCH OVERVIEW](#)

BRAIN, FOCUS & SLEEP RESEARCH

Semax

Experimental peptide studied for cognition, attention, neuroprotection and brain signaling. [RESEARCH OVERVIEW](#)

Selank

Experimental peptide studied for stress- and anxiety-related pathways, mood and cognition. [RESEARCH OVERVIEW](#)

Adamax

Experimental nootropic research peptide with limited published human evidence; studied for neurological and cognitive effects. [RESEARCH OVERVIEW](#)

Pinealon

Short peptide studied in neurological, cognitive and healthy-aging research; evidence remains limited. [RESEARCH OVERVIEW](#)

DSIP

Delta sleep-inducing peptide studied for sleep and stress-response biology; human findings have been inconsistent. [RESEARCH OVERVIEW](#)



MITOCHONDRIAL & HEALTHY-AGING RESEARCH

SS-31 / Elamipretide

Mitochondrial-targeted peptide studied for mitochondrial function, cellular energy production and oxidative stress.

RESEARCH OVERVIEW

Epithalon

Synthetic tetrapeptide investigated in aging, cellular longevity and telomere-related research; evidence is still limited.

RESEARCH OVERVIEW

MITO 20/20

Mitochondrial-focused research blend. Intended effects depend on the exact ingredients and concentrations.

RESEARCH OVERVIEW

HORMONE, SEXUAL HEALTH & PIGMENTATION

PT-141 / Bremelanotide

Melanocortin receptor agonist involved in central pathways that influence sexual desire and arousal.

RESEARCH OVERVIEW

Kisspeptin

Peptide involved in reproductive hormone signaling through the GnRH, LH and FSH axis.

RESEARCH OVERVIEW

MT-1

Melanocortin analog studied primarily for melanin production and pigmentation biology.

RESEARCH OVERVIEW

MT-2

Experimental melanocortin analog studied for pigmentation and effects on sexual-arousal pathways.

RESEARCH OVERVIEW



HOW TO READ THIS GUIDE

"Studied for" does not mean "proven to treat"

Many compounds in research catalogs are investigational. A biological mechanism or promising study does not establish safety, effectiveness, or an approved medical use.

Approved medicines vs. research products

Some active molecules also appear in FDA-approved medicines. A research vial is not automatically equivalent to an approved drug product, formulation, strength, or manufacturing standard.

Blends

For KLOW, Glow70, MITO 20/20 and Wolverine Blend, the intended research focus depends on the exact ingredients and concentrations. Use the current formula sheet when discussing a blend.

Keep education separate from dosing

This guide intentionally contains no dosing, reconstitution, injection, or treatment instructions. Medical decisions should be made with a licensed healthcare professional.

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