



# PEPTIDE THERAPY

**PEPTIDE THERAPY** can be prescribed to improve athletic performance, general wellness and overcome health declines associated with aging, illness and disease. To gain a better understanding of how peptide therapy works, the following information provides an overview of health declines associated with aging; growth hormone and growth hormone releasers; peptides and peptide therapy; and sexual dysfunction.



## AGING

Through the aging process, it's common for people to experience progressive health declines in areas of strength, aerobic capacity and energy among others. Growth hormone (GH) secretion also declines progressively with age, and many age-related changes are similar in many ways to those signs and symptoms found in younger adults with GH deficiency (AGHD).

### Signs of GH deficiency include:

- Decrease in lean muscle mass
- Decrease in bone density
- Increased fat mass, particularly around waistline and abdomen
- Loss of skin elasticity
- Slow recovery from injuries
- Increased hair loss
- Increased total cholesterol and LDL, decreased HDL
- Impaired glucose tolerance and insulin resistance
- Increased anxiety and depression
- Cognitive impairment
- Fatigue

## GROWTH HORMONE

Growth hormone (GH) is a protein that is made by the pituitary gland and secreted into the bloodstream. In general, natural GH production rises during childhood, peaks during puberty, and declines from middle age onward.

In children and adolescents, GH stimulates the growth of bone and cartilage. In people of all ages, GH boosts protein production, promotes the utilization of fat, interferes with the action of insulin, and raises blood sugar levels. GH also raises levels of insulin-like growth factor-1 (IGF-1).





### **GH has many health benefits including:**

- Decreased body fat
- Increased muscle mass and strength
- Improved stamina and exercise capacity
- Improved fat burning
- Improved energy
- Improved sex drive and desire
- Improved skin elasticity
- Improved wound healing
- Improved quality of sleep
- Increased bone density
- Improved immune system function
- Improved cholesterol profiles
- Improved sleep
- Improved cognition and mental function
- Decreased anxiety and depression

When natural GH production declines, GH replacement can be used to restore optimal concentrations to achieve and sustain a more youthful anatomy and physiology.

But taking synthetic GH long term has potential side effects and health risks including:

- tachyphylaxis (reduced response and subsequent rejection)
- diminished natural capacity for hormone production
- swelling due to fluid in the body's tissues
- nerve, muscle and joint pain

Therefore, optimizing the production and secretion of GH through the use of GH releasing hormones (GHRH) or other GH secretagogues (GHS) can be a great addition to any fitness regimen or wellness program. GHRH and GHS are not only safe and less expensive than synthetic GH, there are no side effects or health risks.

### **GROWTH HORMONE RELEASERS**

Replacement of GH by stimulation of GH secretion with GH-releasing hormone (GHRH) or other GH secretagogues (GHS) provides an alternative to improve body composition, strength, aerobic capacity, and mood.

These natural GH releasers use a variety of amino acids, such as glutamine, tyrosine, GABA, arginine, and lysine, to communicate with the body to produce or release its own GH.

## PEPTIDES

Peptides occur naturally in the body and are present in every living cell. Like proteins, peptides are composed of amino acids and created when two or more amino acids are joined together.

There are 20 different amino acids in the human body and mixing different combinations is what creates the various peptides and proteins in the body. All peptides will have some effect on the cells of the body. Different types of peptides influence different types of cells. Peptide therapies help the body fight certain illnesses and diseases.

## PEPTIDE THERAPY

Peptide therapy can also be used to optimize the production and secretion of GH for age management, pain management, weight management, general wellness and to manage symptoms of chronic illness.

Peptide therapy can help correct hormone imbalances; increase energy and mental focus; enhance sex drive; improve bone density, skin elasticity, muscle tone and stamina; lower body fat and cholesterol levels; decrease wrinkles; and decrease joint and muscle pain.

Peptide therapies usually have a “loading” period of 3-6 months before full effects are noticed and can be used indefinitely with little to no side-effects for long-term use.



## SEXUAL DYSFUNCTION

Some 30 million women suffer from female sexual dysfunction and 30 million men suffer from erectile dysfunction (ED). Problems with sexual desire, arousal, orgasm, and pain are common in the US, with between 32% and 58% of women reporting one or more of these problems in the past year.

Sexual dysfunction is any difficulty experienced by an individual during various stages of normal sexual activity including lack of desire, decreased arousal, pain or discomfort and inability to climax. With aging, a tapering off of sexual activity is generally considered normal, but it can become a bigger issue for some people.





# PEPTIDE THERAPY PROTOCOLS

Peptide therapies can help reduce inflammation, increase lean muscle mass, lower body fat, support a healthy metabolism, improve libido, stimulate growth hormones and more.

There are a variety of peptide therapy protocols that can be used to improve overall wellness and limit the effects of aging on the body including:

**BPC 157**

**BREMELANOTIDE**

**CJC 1295**

**CJC 1295 / IPAMORELIN**

**EPITALON**

**IBUTAMOREN (MK-677)**

**IGF-1 LR3**

**IPAMORELIN**

**RAS**

**SERMORELIN**

**AOD-9604**

# PEPTIDE THERAPY



## BPC 157

**INGREDIENTS:** BPC 157

BPC 157 can be prescribed to help repair damage caused by inflammation; promote gut healing; accelerate wound healing and help strengthen and heal tendons, ligaments and bones; and reduce pain from muscle sprains, tears and other tissue damage such as skin burns.



## BENEFITS

- **IMPROVES JOINT HEALTH**

BPC 157 promotes healthy tendon and ligament healing by accelerating the growth and spread of fibroblasts, which are cells found in connective tissues that are involved in the creation of collagen.

- **MENDS MUSCLES & TENDONS**

BPC 157 has muscle and tendon mending properties, which can help repair sports related injury where the tissues need to be rejuvenated or an injury from working out at the gym.

- **ACCELERATES BONE HEALING**

With its well-known fracture and wound healing aspects, BPC 157 injection therapy is known to promote bone repair and improve overall bone health.

- **PROTECTS AGAINST INTESTINAL & GUT DAMAGE**

BPC 157 can help overcome problems related to short gut (short bowel syndrome: SBS) and can help repair damaged tissues caused by inflammatory bowel disease (IBD). It can also act as an anti-ulcer peptidergic agent and an NSAIDs (nonsteroidal anti-inflammatory drugs) antidote. NSAIDs can be toxic to the gut and frequent use can lead to ulcers and an irritation of the bowels. BPC 157 is able to counteract symptoms associated with taking aspirin, such as bleeding.



## ABOUT BPC 157

BPC is a peptide composed of 15 chain sequence of amino acids. It is a partial sequence of body protecting compounds that was discovered in and isolated from human gastric juice.

BPC works by accelerating the rate of angiogenic repair. Angiogenesis is a key dynamic process for wound healing which allows the formation of new blood vessels from old ones and is involved in organization of a microvascular network. It is also strongly associated with the protection of the gastric tract.

For optimum results, BPC 157 is most likely to be effective therapeutically if injected either by intramuscular (IM) or subcutaneous (SUB Q) injection. Most synthetic peptides are not absorbed well by the body if taken orally.



## INSTRUCTIONS

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# PEPTIDE THERAPY



## BREMELANOTIDE

**INGREDIENTS:** Bremelanotide

Bremelanotide is a peptide used as a treatment for sexual dysfunction in both men and women. In men it can induce erections and restore erectile function. In women it can influence subjective arousal and desire.



## BENEFITS

- **EFFECTIVE ALTERNATIVE TO OTHER THERAPIES**

Bremelanotide provides a treatment alternative for individuals who can't tolerate other treatments well or for men who do not respond to other treatments such as sildenafil and tadalafil, which can lose their effectiveness over time.

- **NOT DEPENDANT ON SEXUAL STIMULATION**

Many treatment options such as sildenafil and tadalafil require sexual stimulation to be effective, which can cause confidence issues. Bremelanotide will initiate an erection without the need for sexual stimulation.

- **EFFECTIVE ALTERNATIVE FOR PSYCHOLOGICAL ED**

Research has shown that synthetic melanotropic peptides can initiate erections in men with psychogenic erectile dysfunction (erectile dysfunction caused by predominantly psychological versus physiologic causes).

## ABOUT BREMELANOTIDE



Bremelanotide, also known as PT-141, belongs to a newer class of drugs called melanocortins, which work on the brain neurotransmitter dopamine, increasing sexual desire. Bremelanotide activates the hypothalamic and limbic emotional structures in the brain, which naturally flare during sexual arousal. Specifically, Bremelanotide works at the pre-optic nucleus, which is essential for blood flow to the penis and vulva. The mechanism of action of Bremelanotide involves helping to activate internal pathways in the brain involved in the body's normal sexual responses. Bremelanotide has been studied in more than 30 clinical trials with over 2,500 people with positive outcomes for both men and women.



## SIDE EFFECTS

Most often there is a flushing sensation and temporary abdominal cramping that both dissipate within several minutes. The libido increases after a 2 to 6 hours after injections with a peak at around 12 hours and can last for 24-36 hours. Combining this with a PDE-5 medication (Viagra, Cialis) may be a successful combination, but should only be done when your medical provider is aware of your condition and medication use. There is a risk for priapism (prolonged erection) with the use of this injection with or without other medications.



# PEPTIDE THERAPY



## CJC 1295

### INGREDIENTS: CJC 1295

CJC 1295 primarily functions as a growth hormone releasing hormone (GHRH). By stimulating growth hormone (GH) secretion, CJC 1295 injection therapy can provide a steady increase of GH and insulin-like growth factor-1 (IGF-1), which has many health benefits including increased lean muscle mass, decreased body fat, improved muscle recovery, increased energy, more restful sleep and immune system support.



### BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production and secretion of GH, CJC 1295 helps increase lean muscle mass, build strength and decrease body fat.

- **OUTPERFORMS OTHER PEPTIDES**

Compared to other peptides therapies, CJC 1295 has a longer half-life which requires less injections and results in the continual release of growth hormone.

- **PROMOTES MUSCLE RECOVERY**

CJC 1295 boosts protein synthesis levels, and helps fuel the growth of muscle tissues in the body resulting in quicker recovery times for both athletic activities and post-injury.

- **DECREASED BODY FAT**

CJC 1295 stimulates production of IGF-1, which can help decrease body fat, increase muscular development, and increases in natural strength.



### ABOUT CJC 1295

CJC 1295 is a 30 amino acid peptide hormone, primarily functioning as a growth hormone releasing hormone (GHRH) analog. Research supports that CJC 1295 stimulates HGH secretion and can provide a steady increase of HGH and IGF-1 with minimal effect on cortisol and prolactin levels, leading to intense fat loss, and increases protein synthesis, thereby promoting growth.

CJC 1295 outperforms other peptides because of its longer half-life.

The subcutaneous injection route of growth hormone stimulation is a preferred route to help slow down age and environmental reductions in growth hormone levels.



# PEPTIDE THERAPY



## CJC 1295/IPAMORELIN

**INGREDIENTS:** Ipamorelin Acetate/CJC 1295 (GRF 1 - 29)

The peptides CJC 1295 and Ipamorelin combined, provides both a growth hormone releasing hormone (GHRH), or amplifier, and a growth hormone releasing peptide (GHRP), or inducer. This combination will promote the increase of growth hormone (GH) and is effectively used for anti-aging purposes as well as those with inflammatory conditions, disease or those who have low IGF-1 levels.



### BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production and secretion of GH, CJC 1295/ Ipamorelin helps increase lean muscle mass, build strength and decrease body fat.

- **DECREASED BODY FAT**

CJC 1295/ Ipamorelin increases fat metabolism which can lead to overall improvements in body composition.

- **PROMOTES MUSCLE RECOVERY**

CJC 1295/ Ipamorelin use can assist muscle recovery from workouts, which allows for faster progression and typically more fat loss.

- **INCREASED ENERGY & OVERALL VITALITY**

Other benefits of CJC 1295/ Ipamorelin include broad anti-aging properties, including improvements to sleep, energy, mood, bone density, immune function, and body composition. Ipamorelin can also be used to achieve a more youthful and energetic state though long-term use (6-12 months).



### ABOUT CJC 1295/IPAMORELIN

Ipamorelin is a pentapeptide, meaning that it is composed of five amino acids, that mimics the body's natural GH release. Ipamorelin is a GHRP and analogue of the hormone Ghrelin. It induces GH release and increases the number of somatostrophs (cells responsible for GH release) in a GH pulse by suppressing somatostatin.

CJC 1295 (also called GRF 1-29) is a 29-amino acid peptide hormone, primarily functioning as a GHRH analog. Research supports that CJC 1295 stimulates GH secretion, and can lead to a more youthful and amplified release of GH and IGF-1 with minimal effect on cortisol and prolactin levels.

This is a great option for those who are looking to promote a steady and improved release of GH to get the benefits of increases in growth hormone and subsequently Insulin Like Growth Factor -1 (IGF-1) with almost no side effects.



### INSTRUCTIONS

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# PEPTIDE THERAPY



## EPITALON

**INGREDIENTS:** Epitalon

Epitalon is known for its powerful life extension and anti-aging properties, by increasing the production of telomerase, which strengthens and lengthens telomeres. Benefits of Epitalon therapy include increased lifespan, increased energy levels, more restful sleep and disease prevention.



## BENEFITS

- **SUPPORTS HEALTHY AGING & LONGEVITY**

Epitalon helps slow down the aging process and extends longevity by increasing the natural production of telomerase, a natural enzyme that helps cells reproduce telomeres, which are the protective parts of our DNA. This decreases cell death and degeneration, extends cell lifespan and prevents age-related diseases.

- **HELPS REDUCE STRESS**

Epitalon helps reduce emotional stress and also acts as a powerful antioxidant that eliminates oxygen-free radicals responsible for damaging and killing cells.

- **HELPS PREVENT DISEASE**

Through its stimulating action on telomerase production and the pineal gland, Epitalon plays an important role in inhibiting cancerous tumor growth and preventing a wide variety of age-related diseases, such as heart disease and dementia, through its elimination of free radicals.



## ABOUT EPITALON

Epitalon, also known as Epithalon, is the synthetic version of the polypeptide Epithalamin, which is naturally produced in the pineal gland in the brain. It regulates brain metabolism, increases the sensitivity of the hypothalamus to its natural hormonal influences, normalizes the function of the anterior pituitary and regulates the levels of gonadotropins and melatonin in the body. It also helps to slow down the aging process by its ability to stimulate production of the natural antioxidant melatonin from the pineal gland.



## INSTRUCTIONS

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# PEPTIDE THERAPY



## IBUTAMOREN (MK-677)

**INGREDIENTS:** Ibutamoren

Ibutamoren (MK-677) is an oral growth hormone peptide that can help increase growth hormone (GH) levels, resulting in increased energy, metabolism and lean muscle mass and decreased body fat.



### BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production and secretion of GH, Ibutamoren (MK-677) helps increase lean muscle mass, build strength and decrease body fat.

- **IMPROVES SLEEP & PROMOTES MUSCLE RECOVERY**

Ibutamoren has been shown to increase the amount of time spent in stage 4 deep sleep by 50%, as well as REM sleep by 20%. The more time spent in the deep sleep the more recovery and repair the body can accomplish.

- **DECREASED BODY FAT**

Ibutamoren (MK-677) stimulates the production of IGF-1, an indirect measurement of GH levels, which can help decrease body fat, increase muscular development, and increases in natural strength.



### ABOUT IBUTAMOREN (MK-677)

Ibutamoren (MK-677) is a growth hormone secretagogue, which means it stimulates the pituitary gland to release stored GH to the body for use. By using GH secretors, the body increases production of its own growth hormone. As a result, the body repairs and rejuvenates itself over time, which slows down the aging process.

Ibutamoren (MK-677) is unique compared to other secretagogues because it is orally administered and remains active in the body for a longer period of time. Ibutamoren requires only a once daily dose at bedtime and remains active for roughly 24 hours in the body.

Ibutamoren (MK-677) also causes an increase in the hormone that stimulates hunger, ghrelin. However, Ibutamoren (MK-677) use typically increases calorie deposition into the muscle instead of fat (due to the accompanied increase of the growth hormone). This hunger side effect tends to lessen when ibutamoren is taken at bedtime or with a large meal.

Ibutamoren (MK-677) can be used in conjunction with other injectable secretagogues such as Sermorelin, for an even greater effect.



# PEPTIDE THERAPY



## IGF-1 LR3

**INGREDIENTS:** IGF-1 LR3

IGF-1 LR3 which is also known as Long R3 IGF-1, or insulin like growth factor, is a compound that plays a very important role in a wide range of cellular functions including normal growth and health maintenance. IGF-1 LR3 maintains muscle, connective tissues, brain and heart cells so it is widely used in anti-aging and athletic training protocols.



### BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production of IGF-1 and secretion of GH, IGF-1 LR3 helps increase lean muscle mass, build strength and decrease body fat.

- **PROMOTES MUSCLE RECOVERY**

IGF-1 LR3 boosts protein synthesis levels, and helps fuel the growth of muscle tissues in the body resulting in quicker recovery times for both athletic activities and post-injury.

- **DECREASED BODY FAT**

IGF-1 LR3 stimulates production of IGF-1, which can help decrease body fat, increase muscular development, and increases in natural strength.



### ABOUT IGF-1 LR3

IGF-1 LR3 is more efficient and potent than IGF-1, and it has a longer lifespan. Similar in molecular structure to insulin (hence the name), this hormone helps to transfer glucose through the cell membranes and helps to supply the raw materials that cells need for growth and repair including muscle, heart and nerve cells.

Insulin is made in the pancreas and IGF-1 is produced in the liver. The two hormones work together, back and forth to determine what the body will use as fuel. When you eat, insulin kicks in and the body is fueled by sugar. During fasting periods, fat is primarily utilized for fuel. Over time, if the liver becomes fatty, the body can lose the capacity to make IGF 1, thus causing the body to create more insulin, resulting in diabetes.

IGF-1 is produced throughout life, with the highest levels of IGF-1 production occurring during puberty and the lowest levels during infancy and old age. Production of IGF-1 is stimulated by growth hormone (GH) and can be diminished by many factors including malnutrition, GH insensitivity and lack of GH receptors. Variation in levels of GH and IGF-1 in the body include: insulin levels, genetics, disease, age, sex, ethnicity, nutrition, stress and fitness level.



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# PEPTIDE THERAPY



## IPAMORELIN

**INGREDIENTS:** Ipamorelin Acetate

Ipamorelin is a pentapeptide, meaning that it is composed of five amino acids, that mimics the body's natural GH release. Ipamorelin is a growth hormone releasing peptide (GHRP) and analogue of the hormone Ghrelin. It induces GH release and increases the number of somatostrophs (cells responsible for GH release) in a GH pulse by suppressing somatostatin. Ipamorelin is one of the safest, most effective forms of growth hormone (GH) restoration, widely used to support age management, disease management, sports performance and GH deficiency treatment protocols.



### BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production and secretion of GH, Ipamorelin helps increase lean muscle mass, build strength and decrease body fat.

- **DECREASED BODY FAT**

Ipamorelin increases fat metabolism which can lead to overall improvements in body composition.

- **PROMOTES MUSCLE RECOVERY**

Ipamorelin use can assist muscle recovery from workouts, which allows for faster progression and typically more fat loss.

- **INCREASED ENERGY & OVERALL VITALITY**

Other benefits of Ipamorelin include broad anti-aging properties, including improvements to sleep, energy, mood, bone density, immune function, and body composition. Ipamorelin can also be used to achieve a more youthful and energetic state through long-term use (6-12 months).



### ABOUT IPAMORELIN

Ipamorelin is very similar to the growth hormone releasing peptides (GHRPs) GHRP 2 and GHRP 6 in that it mimics ghrelin (the hunger hormone) and targets a specific HGH pulse. However, unlike other GHRPs, this peptide doesn't affect the release of cortisol, acetylcholine, prolactin and aldosterone, thereby minimizing side effects experienced with other GH therapies, such as increased hunger.

Because there are virtually no negative side effects, Ipamorelin can be prescribed more aggressively and more frequently than other therapies without the risk of elevated cortisol and acetylcholine blood plasma levels. This helps optimize HGH levels for a longer period of time, leading to more successful health outcomes.



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# PEPTIDE THERAPY



## RAS

**INGREDIENTS:** Sermorelin Acetate and HCG

RAS (release and secrete) is a combination of Sermorelin and Human Chorionic Gonadatropin (HCG). This combination has proven to be powerful in the area of antiaging medicine and hormone support. In functional medicine the target is to slow the age-related decline of specific hormones including growth hormone (GH), progesterone, and testosterone.



## BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production and secretion of GH, Sermorelin helps increase lean muscle mass, build strength and decrease body fat.

- **DECREASED BODY FAT**

Sermorelin stimulates the production of IGF-1, an indirect measurement of GH levels, which can help decrease body fat, increase muscular development, and increases in natural strength.

- **INCREASED ENERGY & OVERALL VITALITY**

Other benefits of Sermorelin include broad anti-aging properties, including improvements to sleep, energy, mood, skin elasticity, immune function, and body composition.

- **HORMONE BALANCING & WEIGHT LOSS SUPPORT**

HCG can enhance hormone production, reduce inflammation and help promote weight loss.



## ABOUT RAS

Sermorelin acetate is 29 chain amino acid peptide analog of GHRH, which is produced by the pituitary gland and is necessary for normal growth and development. GHRH can help your body increase production of its own GH and repair and rejuvenate itself over time.

HCG is a hormone that is only found in pregnant women and is not secreted normally in men or nonpregnant women. HCG is used in certain circumstances to enhance hormone production, reduce inflammation and help promote weight loss. HCG can have other health benefits as it serves as a detox and hormonal reset. With reduction of inflammation and the balancing of hormone levels, the body will function better and can achieve an elevated state of well-being.



## INSTRUCTIONS

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# PEPTIDE THERAPY



## SERMORELIN

**INGREDIENTS:** Sermorelin Acetate

Sermorelin is a growth hormone releasing hormone (GHRH), which can assist in the body's production of natural growth hormone (GH) to help combat aging and promote weight loss. Sermorelin therapy has a wide range of benefits including reduced body fat; increased energy and improved mental sharpness; increased strength and lean muscle mass.



### BENEFITS

- **INCREASED LEAN MUSCLE MASS & STRENGTH**

By stimulating the production and secretion of GH, Sermorelin helps increase lean muscle mass, build strength and decrease body fat.

- **DECREASED BODY FAT**

Sermorelin stimulates the production of IGF-1, an indirect measurement of GH levels, which can help decrease body fat, increase muscular development, and increases in natural strength.

- **INCREASED ENERGY & OVERALL VITALITY**

Other benefits of Sermorelin include broad anti-aging properties, including improvements to sleep, energy, mood, skin elasticity, immune function, and body composition.



### ABOUT SERMORELIN

Sermorelin acetate is 29 chain amino acid peptide analog of GHRH, which is produced by the pituitary gland and is necessary for normal growth and development. GHRH can help your body increase production of its own GH and repair and rejuvenate itself over time.

The increased volume of GH produced by the pituitary gland causes an increase in the production of Insulin-Like Growth Factor-1 (IGF-1) by the liver resulting in many health benefits.



### INSTRUCTIONS

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# PEPTIDE THERAPY



## AOD-9604

**INGREDIENTS:** AOD-9604

AOD stands for anti-obesity drug. AOD-9604 was originally developed to be used as an anti-obesity drug, and is known to help burn fat and support weight loss. AOD-9604 is a modified fragment of human growth hormone (HGH). AOD-9604 injection therapy can be prescribed to help stimulate the pituitary gland (similarly to HGH and other growth hormones) to boost metabolism, and support weight loss.



## BENEFITS

- **SUPPORTS WEIGHT LOSS**

AOD-9604 injection therapy helps regulate fat metabolism by stimulating lipolysis (the breakdown of fat) and inhibiting lipogenesis (the transformation of non-fatty foods into body fat). As a result, greater weight loss results are achieved in a shorter period of time, as more calories are burned than with normal dietary restrictions and exercise alone.

- **HELPS REDUCE BODY FAT**

AOD-9604 triggers fat release from obese fat cells more predominantly than lean ones. It mimics the way natural growth hormone regulates fat metabolism with no adverse effects on blood sugar or tissue growth.

- **PROMOTES FAT BURNING**

Studies have shown AOD-9604 to be an extremely powerful and effective fat burner.



## ABOUT AOD-9604

AOD-9604 is a peptide fragment of human GH. Studies have suggested that AOD-9604 is effective in its ability to stimulate lipolytic (fat burning) and anti lipogenic (anti- fat producing) activity. AOD-9604 does not increase GH levels. It works by mimicking the way natural growth hormone regulates fat metabolism. AOD-9604 injection therapy is ideal for individuals whose main goal is fat loss, as it doesn't increase hunger or raise cortisol levels like other peptide products such as GHRP (GHRP-6, GHRP-2 or GHRH's), or synthetic GH.

Studies have shown, in addition to its fat loss properties, AOD-9604 processes many other regenerative properties associated with GH and current trials are underway to show the application of AOD 9604 in osteoarthritis, hypercholesterolemia, bone and cartilage repair.

AOD 9604 has an excellent safety profile, recently obtaining Human GRAS status in the USA.



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