



## Adipotide (Prohibitin-TP01) White Powder

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-FTTP (Adipotide)
- Minimum Order Quantity: 5 boxes
- Price: US\$ 40-55/ box
- Packaging Details: 2mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: MoneyGram, Western Union, T/T
- Supply Ability: 20,000 boxes/month



### Product Specification

- Name: Adipotide (Prohibitin-TP01)
- Formula: C<sub>111</sub>H<sub>204</sub>N<sub>36</sub>O<sub>28</sub>S<sub>2</sub>
- Molecular Weight: 2555.22
- CAS No.: 859216-15-2
- Appearance: White Powder
- Peptide Purity: >99%
- Other Names: Prohibitin Targeting Peptide 1; prohibitin-TP01; TP01
- Specification: 2mg/vial, 10vials/box



### More Images



## Product Description

### CAS 859216-15-2 Fat Targeted Proapoptotic Peptide (FTTP) 2mg White Powder



#### What is Adipotide or FTTP?

FTTP is a Fat Targeted Proapoptotic Peptide with the amino acid sequence CKGGRAKDC-GG-(KLAKKLAK). In addition, FTTP was developed by US researchers in their efforts to combat obesity.

What are peptidomimetics? They are small protein-like chains that have peptide-mimicking effects. They were developed to fight obesity and FTTP was shown to reduce the body weight of treated monkeys by 11%. FTTP reduced the monkeys' adipose tissue, waist circumference and BMI.

Many clinical studies have been conducted on Adipex. Researchers have shown that FTTP has the ability to kill fat cells. As a result, it reduces the mass and volume of subcutaneous fat. As a result, the body will experience significant weight loss.

#### How does FTTP help with weight loss?

It can kill fat cells or adipocytes by causing blood vessels. This supplies the fat cells to undergo apoptosis or programmed cell death. This leads to nutrient deprivation, which causes starvation.

It leads to a reduction in cell size or cell shrinkage. As well as the fat cells there is a build-up of waste products. When irreparable damage occurs, the mitochondria release caspases. proteases that instigate the apoptotic process.

The carcasses also activate the DNA used to create mRNA, which is called transcription.

In addition, another process that is activated is translation. mRNA is formed from the nascent master peptide. When transcription and translation are activated. It leads to the production of proteins and affects the process of apoptosis.

There are molecular studies on Adipotide. They found that this particular peptide has a unique stereochemical (3D) conformation.

Adipotide's unique conformation allows it to bind to only two receptors. Adipotide can only bind to prohibitin and ANXA-2. Both of these receptors are found on the surface of endothelial cells. The endothelium is the innermost lining of the blood vessels.

The blood vessels supply white adipocytes. This means that the receptor deliberately tissues the tissue specificity of adiponectin. When energy is consumed, it prolongs the use of energy. This is when white adipocytes form and accumulate, a sign of obesity.

#### Obesity

Who doesn't know the dangers of obesity? It is a risk factor for many diseases, including high blood pressure, cancer, endocrine disorders, degenerative diseases, cardiovascular diseases, and many more.

In addition, when white fat cells accumulate, affected individuals become susceptible to lipomas and lipomatosis. Abdominal fat is one of the most active forms of fat, which causes white fat cells.

#### Profile of Adipotide

Product Name	Fat Targeted Proapoptotic Peptide (FTTP)
Molecular formula	C <sub>111</sub> H <sub>204</sub> N <sub>36</sub> O <sub>28</sub> S <sub>2</sub>
Cas No	859216-15-2
Molecular Weight	2555.22
Purity	99%
Shelf Life	2 years
Facade	White powder
Application	Fat Loss

#### Adipotide study

## 1. Adipotide and fat loss

In 2011, Adipotide was developed and entered a phase clinical trial to study its ability to kill fat cells. Tests in rhesus monkeys showed that Adipotide caused targeted apoptosis in the blood vessels of white adipose tissue (fat). Without a blood supply, the fat cells die. The result was rapid weight loss, a rapid reduction in body mass index (BMI), and an improvement in insulin resistance characteristics. Interestingly, treatment with adiponectin and subsequent fat loss not only improved body weight but actually promoted changes in eating behavior. Monkeys that lost weight with adiponectin also showed a reduction in food consumption.

### Benefits of Adipotide

The benefits of Adipotide are impressive and extend beyond the world of weight loss. Notwithstanding, the ability of Adipotide to rapidly target and burn fat cells in the blood vessels is what makes it so resourceful for losing weight. Still, you can only achieve the full results of Adipotide by supplementing the peptide with regular exercise and a healthy diet. Adipotide peptide is especially effective at targeting abdominal fat which is one of the most infamous locations on the body for excess weight. Let's examine some of the other incredible benefits of Adipotide:

Quick & Effective Fat Burner

Removes Excess Water Retention

Effectively Regulates Blood Pressure

Effectively Balances Minerals in the Body

Positively Influences Insulin Sensitivity

### Product pictures of FTTP(Adipotide)



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