Trpti™





The body's way of naturally producing GLP-1

What is Trpti™?

Trpti™ is OEA powered by the LipiSperse® technology by Pharmako Biotechnologies Pty Ltd. The LipiSperse shepherds OEA through the GI tract and delivers OEA efficiently to the intestines, where it best enhances the production of the body's own GLP-1. This ensures no side effects, unlike the synthetic GLP-1 agonists, which have a myriad of side effects.

What is OEA?

Oleoylethanolamide (OEA) is a fatty acid amide produced by the body that signals to our brain that we are full. OEA plays a role in regulating appetite and energy balance.

The accumulated data suggest that OEA may be involved in various pathophysiological aspects of appetite regulation and lipid and carbohydrate metabolism.

OEA binds to GPR-119 to produce GLP-1 in the body's intestines naturally

- It is essential for the body's homeostasis and metabolic function
- It acts on inflammation, but also offers satiety, fat management, lipid management, glucose control, body mass, body weight, BMI, and body fat

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Wellness Proven

*These statement have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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Clinical Data

Microbiome Study [300mg]

Romeo Batacan , Amanda Rao , Yadav Sharma Bajagai , Dragana Stanley & David Briskey (2026) Oleoylethanolamide supplementation enriches Akkermansia muciniphila and modulates intestinal barrier function in adults with obesity: A randomized, double-blind, placebo-controlled trial, Gut Microbes Reports, 3(1). https://doi.org/10.1080/29933935.2026.2622259

We found that Trpti™ acts successfully when administered orally (OEA with LipiSperse®) to bind to GPR-119 and produce GLP-1 naturally within the body.

Pilot Study with Crossover [300mg]

Food with Trpti™ (OEA with LipiSperse®) and food without OEA with a wash-off period.

This resulted in a significant GLP-1 increase, naturally produced in the body, when Trpti™ was taken with food.

Endogenous GLP-1 Study [150mg / 300mg]

Briskey D, Pellow J, Viswanath P and Rao A (2026) Acute TRPTI™ (oleoylethanolamide) supplementation enhances incretin hormone responses: a fixed-sequence crossover study. Front. Endocrinol. 17:1879799. doi: 10.3389/fendo.2026.1879799

Following the crossover study, we found that the 300mg Trpti™ (OEA with LipiSperse®) group saw:

- Significantly increased GLP-1 levels, up 25% compared to placebo
- Significantly reduced DPP-4 levels (the enzyme which degrades GLP-1 and obstructs it's activity) with partial recovery by 4 hours (-14%), enabling enhanced GLP-1 preservation

Why Trpti™?

- **Outside factors**

  Age, a poor microbiome, and intestinal health issues caused by various factors, such as diet, pollution, and inflammation, affect OEA production in the body. Supplementing OEA helps restore optimal levels of OEA in the body, enabling the body to attain ideal metabolic health more effectively.

- **Offers satiety and fat metabolism**
- **No side effects of GLP-1 agonists**
- **Self-affirmed GRAS**
- **300mg**
- **Non-GMO**
- **Vegan / Vegetarian**
- **Allergen free (Major 9)**
- **Halal**
- **Formats: capsules, tablets, softgels, drinks, liquids, shots, gels, gummies, sachets, ready-to-mix, effervescents**

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