Extract of Gynostemma Pentaphyllum

supports healthy weight management*
More fat burning

Introducing ActivAMP®

ActivAMP is extracted from *Gynostemma pentaphyllum*, an adaptogenic herb, and contains a family of compounds that upregulate alarmins including the sestrins, which are produced during exercise. The sestrins activate an enzyme called AMP-activated protein kinase (AMPk). AMPk is often called the “master metabolic regulator” and switches on the same fat-burning and energy-producing metabolic processes that exercise does. By regulating metabolic activity (in the liver, lipids, skeletal muscle and brain), AMPk influences glucose utilization, oxidation, and appetite.

Product benefits

**ActivAMP structure-function claims**

The following structure-function claims for ActivAMP are provided here for informational purposes only and should be reviewed by your legal counsel prior to use in marketing materials, including product labels. ActivAMP supports healthy weight management for those who are overweight, in the following ways:

- Helps reduce body fat**†
- Helps promote moderate weight loss**†

*In a clinical study, participants taking Gynostemma pentaphyllum extract average about 1.35 kilograms body fat related weight loss after 12 weeks compared to the baseline.

Science inside

Human, animal and phytochemical studies show the effect of ActivAMP in supporting the metabolic process through AMPk activation.

**Human clinical trial**

A 12-week randomized, double-blind, placebo-controlled study on 80 overweight participants investigated the effects of *Gynostemma pentaphyllum* extract on body weight, fat loss, and other metabolic markers. The results showed statistically significant decreases in active group compared to placebo group in:

- Body fat mass*
- Percent body fat*
- Body weight and BMI*
- Total abdominal fat area*


**Animal study**

An 8-week study on mice showed that oral administration of *Gynostemma pentaphyllum* extract resulted in decreased body weight gain and liver weight with AMPk activation in the soleus muscle.


**Phytochemical studies**

Phytochemical studies of ActivAMP revealed the presence of specific saponins. These saponins are shown to promote AMPk activity.

Citations:

2. Kim, M., et al., The ginsenoside Rg3 has a stimulatory effect on insulin signaling in L6 myotubes. Biochemical and Biophysical Research Communications 389 (2009), p. 70-73.

Delivery and applications

ActivAMP is available as a free flowing powder and is suitable for use in powders, tablets and capsules.

Why choose ActivAMP?

- Mechanism of action through AMPk activation
- Herb traditionally used in teas for centuries

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