What is iFAS50³®?

iFAS50³® is a novel proprietary patented ingredient comprised of three potent Fatty Acid Synthase (FAS) inhibitors: Green Tea, Tuber Fleeceflower and Parasitic Loranthus (Patent No. 7,674,484). Processed uniquely, the herbs in iFAS50³® are blended and then extracted together through a unique, pre-precise methodology promoting optimal synergy and a very potent concentration.

How does it work?

Research suggests that Green Tea, Tuber Fleeceflower and Parasitic Loranthus are among the most potent FAS inhibitors. FAS is an enzyme that produces fatty acids which can be used as high energy fuel for tissue during intense exercise or more commonly stored in fat cells as triacylglycerol. When FAS is inhibited, the body’s ability to form fatty acids for storage is limited which may lead to appetite and weight reduction.

- **Appetite reduction** - several studies have identified the iFAS50³® ingredients as being some of the most potent FAS inhibitors, showing inhibitory ability upwards of 80% in test subjects. Participants experienced decreased food intake by 15.1% (Tian, W. et al., 2004).

- **Weight management** - iFAS50³® may also have a thermogenic enhancing effect which could cause an increase in energy expenditure and eventual weight loss. Participants saw a 9.8% decrease in body weight within the first ten days.
  - iFAS50³® contains a potent inhibitor of the Acetyl-CoA Carboxylase (ACC) enzyme which is another key enzyme in fatty acid production.
  - iFAS50³® contains Green tea catechins that have been shown to inhibit FAS through an alternative mechanism.

Application & Serving Size

iFAS50³® is appropriate in a product for weight management. It can be administered in a capsule, tablet, powder or liquid. A serving of 250 mgs twice daily is suggested. As with any weight management program, iFAS50³® should be used in conjunction with proper nutrition and exercise.

For more information please contact us at: 800.479.2879 or visit www.in-ingredients.com