

Evodiamine (Ingredients)

Cat. No. EXTW-002

Lot. No. (See product label)

Introduction

Description Evodiamine is a bioactive alkaloid extract from a plant called *Evodia rutaecarpa* (Juss.). This is a Chinese herb named Wu-Chu-Yu that Chinese herbalists have used for centuries as a weight loss supplement.

Applications Evodiamine is not a weight loss product but it is an ingredient that can be found in some weight loss supplements due to its reported thermogenic properties. According to some clinical studies, evodiamine was shown to increase body temperature, which can assist in the calorie burning process. It apparently works as a powerful stimulant that raises body temperature and increases metabolism while providing energy to the user. However, without proper clinical evidence to prove if this substance is effective for weight loss in humans, it may be premature to consider evodiamine an effective weight loss ingredient. It is suspected that its mechanism of action is similar to that of capsaicin. As such, it has been included in some dietary supplements. Evodiamine acts primarily as a thermogenic and stimulant. Evodiamine may also act in a manner comparable to tianeptine by increasing the number of serotonin transporters available in the brain, enhancing the reuptake of serotonin.

Product Information

CAS No. 518-7-2

Molecular Formula C₁₉H₁₇N₃O

Molecular Weight 303.36

Purity 98.0% Evodiamine HPLC

Function Indications: Increases metabolism

Notes It might be unsafe to use evodia if you are pregnant. It contains some chemicals that affect pregnant animals. It's also best to avoid using evodia if you are breast-feeding. Evodia seems to slow blood clotting. There is a concern that it might increase the risk of bleeding during and after surgery. Stop using evodia at least 2 weeks before a scheduled surgery. The appropriate dose of Evodiamine depends on several factors such as the user's age, health, and several other conditions. At this time there is not enough scientific information to determine an appropriate range of doses for evodia.