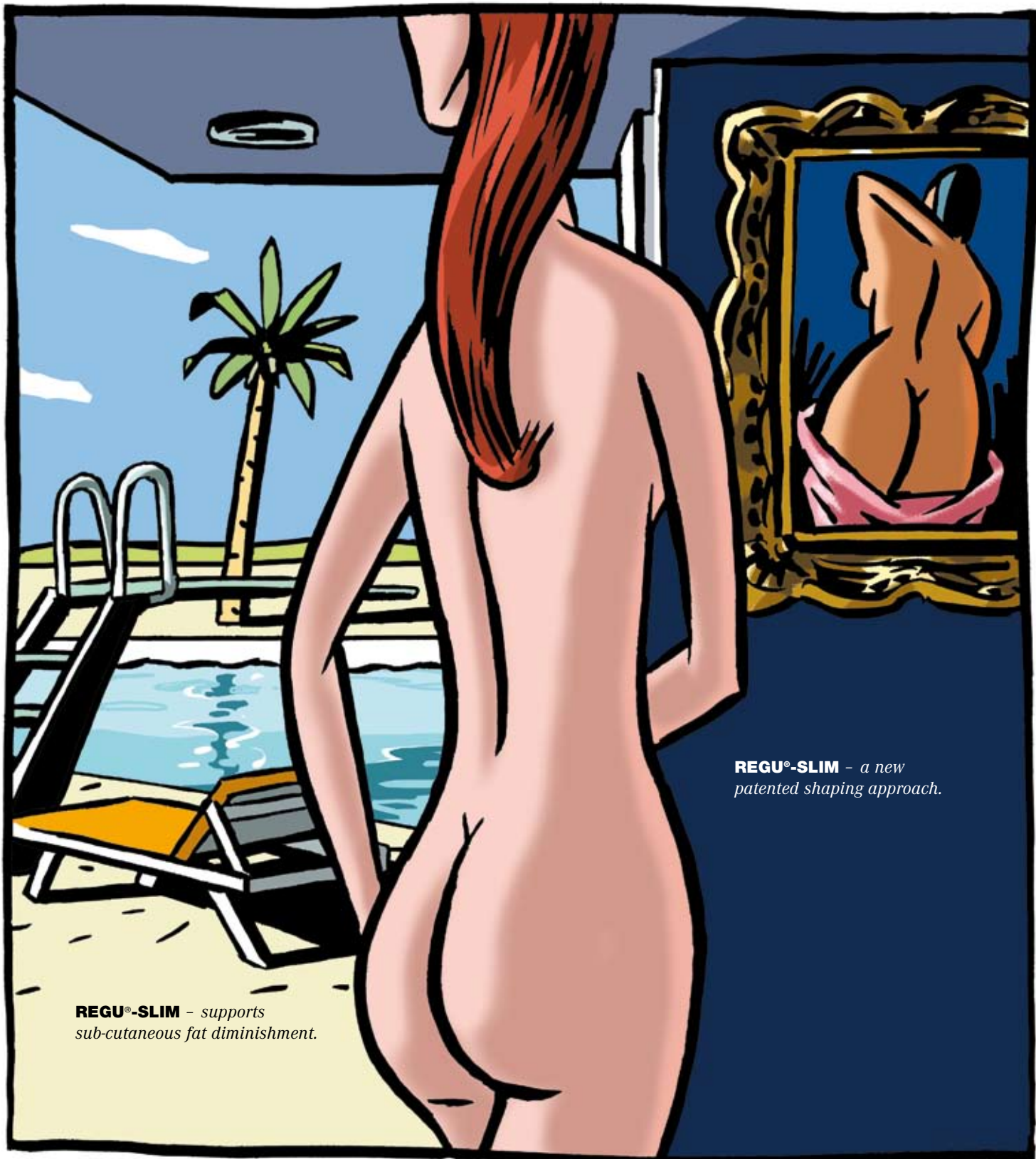


**REGU®-SLIM** – *the ideal method  
to re-shape and smooth your body.*



**REGU®-SLIM** – *supports  
sub-cutaneous fat diminishment.*

**REGU®-SLIM** – *a new  
patented shaping approach.*

Unlimited. **DSM**

**pentapharm**

*benefiting society through science*



Exclusive N.A. Distributor  
CENTERCHEM, INC. NORWALK, CT  
Ph: 203-822-9800 Fax: 203-822-9820  
[www.centerchem.com](http://www.centerchem.com)

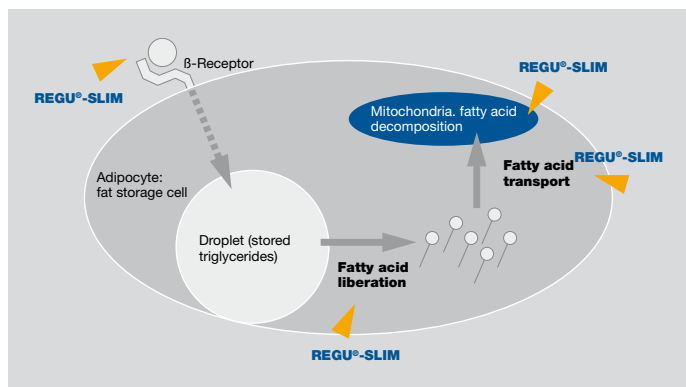
# REGU®-SLIM

**REGU®-SLIM** is a unique, patented, multiactive re-shaping and smoothing complex.

## Properties:

- Triggers fatty acid liberation
- Speeds-up the transport of fatty acids to the cell mitochondria to be decomposed
- Energizes the fat-liberated tissue cells

**REGU®-SLIM** is involved in all mechanisms of lipolysis: fatty acid liberation, transport and decomposition.



## Function:

- Smooths and tightens the skin.
- Optimizes your fitness efforts to reshape your body.
- Restoring its youthful contours.

## Cosmetic applications:

- Body contouring products.

## Formulations:

**REGU®-SLIM** is a granulate which can be processed either cold, being incorporated to the product before homogenisation, or added to the water phase at a temperature lower than 70°C. A pH value lower than 7 is necessary.

## Suggested concentration:

0,5-3% **REGU®-SLIM**

## INCI Name:

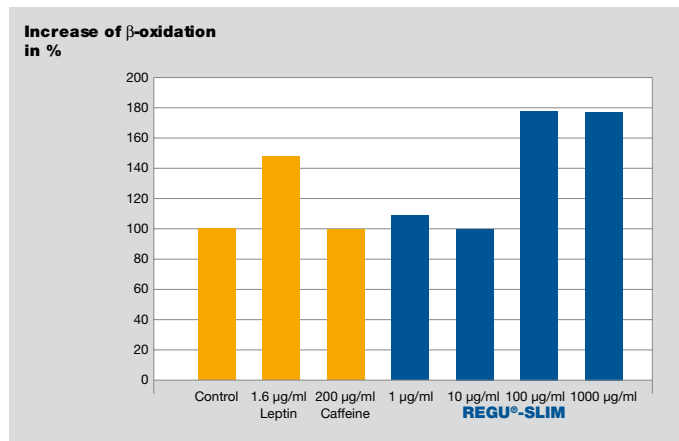
Maltodextrin, Caffeine, Microcrystalline Cellulose, Paullinia Cupana Seed Extract, Carnitine, Cysteic Acid, Pantetheine Sulfonate

## Efficacy Tests:

### In vitro tests:

In an *in-vitro* study on human adipocytes, **REGU®-SLIM** behaved consistently as a lipolytic compound increasing cAMP concentration and glycerol release.

### REGU®-SLIM stimulates the beta-oxidation significantly.

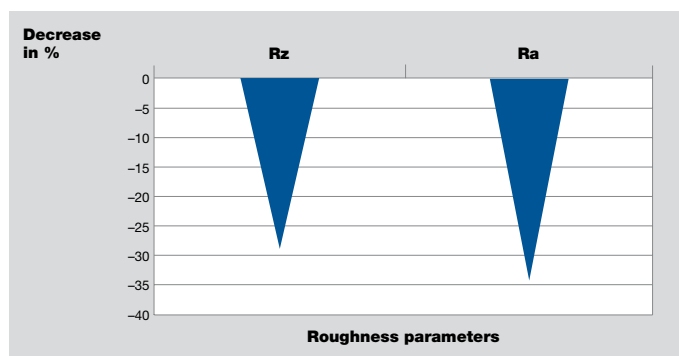


The fatty acids released by lipolysis activation and transported to the cell mitochondria are oxidised inside the cell.

### In vivo test:

The efficacy of **REGU®-SLIM** was demonstrated in a two months *in-vivo* study using ultrasound imaging and profilometry. It was performed with 20 healthy female volunteers aged 18 years or more, during 56 days, applying the test cream containing 2% **REGU®-SLIM** twice a day.

### 1. REGU®-SLIM reduces orange peel look within 56 days significantly.



**Rz** and **Ra** are parameters measured by profilometry.

2. Measurement of subcutaneous adipose tissue on the thighs by ultra-sound examination also demonstrated that **REGU®-SLIM** has slimming activities.