Creative Enzymes®

Trifluoroacetyl Tripeptide-2

Cat. No. CECP-016

Lot. No. (See product label)

Introduction

Description	Anti-Aging Trifluoroacetyl Tripeptide-2 targets cellular aging from the nucleus. It reduces progerin, enhances cell purification, protects the extracellular matrix, and combats skin aging. Mechanism of Action: 1. Inhibits Progerin Synthesis: Slows down cellular aging by reducing the production of progerin, a protein associated with premature aging. 2. Promotes Syndecan Production: Increases the lifespan of cells by stimulating the production of syndecan, a multifunctional proteoglycan. 3. Inhibits Matrix Metalloproteinases (MMP1, MMP3, MMP9): Reduces the degradation of extracellular matrix proteins, maintaining their integrity. 4. Inhibits Elastase Activity: Decreases the breakdown of elastin, promoting firmer and more elastic skin. 5. Inhibits Tyrosinase Activity: Reduces the production of dopachrome, thereby lowering melanin levels and potentially leading to a more even skin tone.
Applications	Used in face and neck care products to reduce matrix metalloproteinase and elastase levels, combat premature cellular aging and improve skin elasticity.

Product Information

Appearance	Clarified clear liquid
Form	Liquid
CAS No.	64577-63-5
pH Stability	3.5-5.5

Usage and Packaging

Package	1kg/bottle

Storage and Shipping Information

Storage	Keep sealed, shaded and cool.