

## 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.