



Advanced cell resilience complex

**Pteroyouth**® is a patented polyphenols combination that redefines the boundaries of skincare by activating key pathways that enhance **cellular resilience** — the skin's natural ability to **defend, repair, and recover** from biological stress.<sup>1</sup>

This innovative formula has demonstrated **remarkable efficacy** in **protecting and regenerating skin cells** exposed to **high-intensity ionizing radiation**.<sup>1</sup>

By modulating key proteins involved in **DNA and mitochondrial repair**, as well as anti-inflammatory and antioxidant responses, Pteroyouth pushes the boundaries of cellular protection.<sup>1</sup>

Its components stimulate critical pathways such as **SIRT1, SIRT3 and Nrf2**, addressing the primary drivers

of skin deterioration including **DNA damage and oxidative stress** while also modulating **the NF-κB** pathway reducing **chronic inflammation**.<sup>1</sup>

The science of cellular resilience underpins cutting-edge innovations in radioprotection, longevity, and skin regeneration.

Available in both **serum and cream formats**, each formula **protects skin at the cellular level** and visibly reduces wrinkles, dark spots, and imperfections, while boosting hydration elasticity and overall skin vitality.

Visible and lasting renewal begins at the cellular level — **powered by CIRCE Health Science**.

## Main benefits



### Anti-aging

Activates SIRT1 and SIRT3 to support cellular renewal and may reduce visible signs of aging.<sup>1</sup>



### Collagen Activation

Increases Collagen I production and prevents degradation of Collagen IV and V.



### Helps even skin tone

Reduces TYR and MITF expression to diminish dark spots and even out complexion.



### Anti-inflammatory

Modulates NF-κB, a mechanism involved in inflammation and may encourage natural healing and alleviate inflammation.<sup>1</sup>



### Activates antioxidant system

Activates Nrf2, the pathway involved in producing the body's natural antioxidant defenses to protect against oxidative damage.<sup>1</sup>



### Dermatologically tested

Safe for sensitive skin, with excellent tolerance in patch and irritation tests.



### Tolerance Tested

Proven high skin compatibility with no irritation or sensitization in dermatological studies.



### Clinically Tested

Demonstrated visible improvements in wrinkles, spots, and collagen levels in 28 days.



# PTERO*youth*<sup>®</sup>

Advanced cell resilience complex

Specifically designed to promote cellular defense and repair.

## Benefits

Enhanced Cellular  
Protection

Radiation Defense &  
Regeneration

Clinically Proven Results

Collagen Activation  
& Firmness

Skin defense and  
repair

# Presentations and Supply Options

Pteroyouth® is also available in formats tailored to B2B needs:

- **Active ingredient:** to be directly integrated into existing formulations, providing a differentiated and scientifically validated active.
- **Formulated bulk:** a pre-optimized and stable base, ready to be filled in the packaging format determined by the client, enabling faster development and market launch.
- **Formulated ready to sell :** serum (30 ml) and cream (50 ml) presentations in premium airless packaging,

This dual approach allows partners to choose between working with the pure active, a ready-to-fill formulation, or even the final pack ensuring consistent quality, reliability, and industrial scalability in all cases.



Face cream

Serum



Cellular Resilience



Skin Defense & Repair



Anti-Aging Care



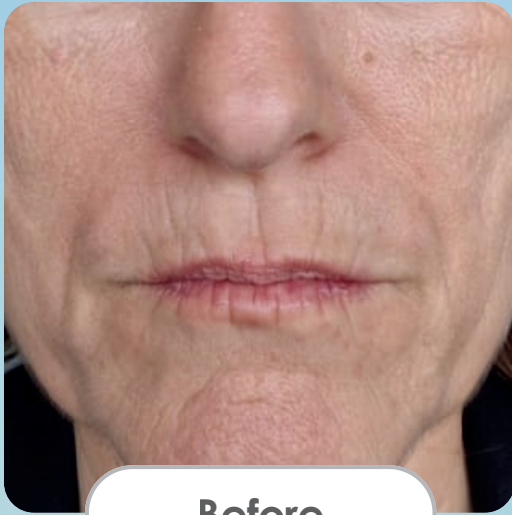
Skin Nutrition



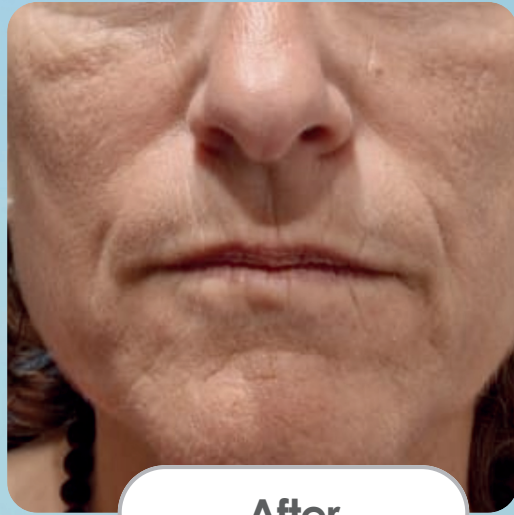
Gentle & Safe for Sensitive Skin

# Before & after

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**Before**



**After**



Incredible before-and-after photos after and the routines that will transform your skin.\*

**PTERO**youth<sup>®</sup>

\*Visible results after 6 weeks of daily use.

## References:

1. Cen, Z., Chen, Z., Wang, D., Zuo, Y., Chen, X., & Chen, J. (2025). In Vitro Investigation of Antiaging Efficacy of Pterostilbene as Cosmetic Ingredient. *Cosmetics*, *12*(1), 23.

Ready to find out more about how you can use Pteroyouth<sup>®</sup> in your formulations?

Contact our sales team. We're looking forward to working with you.

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Designed & Manufactured by

