

PTEROPLEX™

Natural cell resilience complex

PteroPlex™ is a **natural active complex** that redefines the boundaries of **cellular resilience** by activating key pathways that enhance the cell's natural ability to **defend, repair, and recover** from biological stress.

In an **accelerated aging model**, this innovative herbal formula has demonstrated **remarkable efficacy** in **protecting and regenerating the body's cells** exposed to **high-intensity ionizing radiation**.

By modulating key proteins involved in **DNA and mitochondrial repair**, as well as anti-inflammatory and antioxidant responses, PteroPlex pushes the boundaries of cellular protection.

Its components stimulate critical pathways such as **SIRT1, SIRT3 and Nrf2**, addressing the primary drivers of the body's deterioration including **DNA damage and oxidative stress** while also modulating the **NF-κB** pathway reducing **chronic inflammation**.

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

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.



Anti-inflammatory

Modulates NF-κB, a mechanism involved in inflammation and may encourage natural healing and alleviate inflammation.



Activates antioxidant system

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



Neuroprotective

Supports brain cell health and may promote cognitive well-being.



Beauty from within

Contributes to radiant and healthy skin by nourishing cells from the inside out.



Sports performance

Assists in improving recovery after physical activity.



Regulates in cardiovascular health and diabetes

Could help regulate blood sugar levels and promote cardiovascular wellness.

Benefits

Specifically designed to promote cellular defense and repair.

Enhanced Cellular Protection

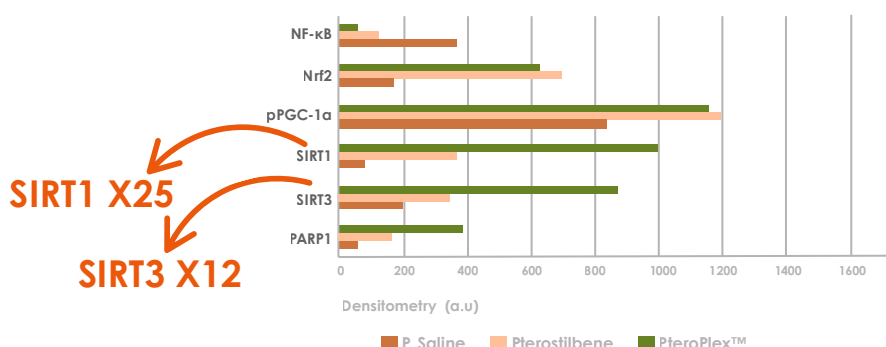
Radiation Defense & Regeneration



What PteroPlex™ does:

1 Nature's most potent SIRTUINS activator:

PteroPlex™ unlocks sirtuin mediated cell defense and survival in response to stress, involved with diverse biological functions including cell development, metabolism, DNA repair, apoptosis, and longevity.



PteroPlex™ strongly increases SIRT1 and Sirt3 levels

2 Beyond antioxidants:

PteroPlex™ doesn't just neutralize free radicals; it can help empower your body's own antioxidant defenses through Nrf2 activation, generating its own antioxidants. This proactive approach provides comprehensive protection against oxidative stress.



3 PteroPlex™ down regulates pro-inflammatory signal molecules:

PteroPlex™ can help cells downregulate NF-κB, a complex understood as the command-and-control center when it comes to inflammation in the body.





PTERO**PLEX**TM

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**Ready to find out more about how you can use PteroPlexTM
in your formulations?**

Contact our sales team.

We're looking forward to working with you.

David Vallet

✉ dvallet@circescientific.com

☎ +34 722 573 756

Designed & Manufactured by:



CIRCE is a science-driven company specialized in the development of advanced crystalline ingredients that modulate key cellular pathways enhancing cellular and systemic resilience and restoring metabolic balance. By combining advanced crystal engineering with biochemical science, CIRCE optimizes the bioavailability, stability, and efficacy of high-value bioactive compounds.

Its team leverages years of research experience to maximize the functionality of these compounds, delivering innovative, scientifically validated solutions across the nutraceutical, dermocosmetic, animal health, and performance sectors.

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