

Pinealon

PEPTIDES

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Pinealon, the brain health bioregulator, is a short synthetic tripeptide bioregulator derived from naturally occurring peptide complexes isolated from the pineal gland. It is used for neuroprotection, cognitive enhancement, circadian rhythm regulation, and anti-aging research. It supports both brain health and systemic neuroendocrine balance. Bioregulators, compared to peptides, are comprised of shorter chains of amino acids which, due to their smaller size, have a lower risk of triggering an unwanted immune response. Each bioregulator is tissue-specific and can bind to DNA and regulate gene expression in specific tissues. Whereas larger peptides mainly act through signaling pathways, bioregulators tend to normalize cellular function at the genetic level. Because they can activate or suppress certain genes linked to repair, regeneration, and longevity, their effects are more foundational and long-lasting compared to standard peptides, which usually only act while present during periods of administration.

Comprehensive list of Benefits

- Neuroprotection:** Shields neurons from oxidative stress, excitotoxicity, and premature apoptosis
- Cognitive Support:** Enhances memory, attention, and learning capacity in both young and aging populations
- Circadian Rhythm Regulation:** Helps stabilize sleep cycles and melatonin production
- Stress Adaptation:** Modulates hypothalamic- pituitary- adrenal (HPA) axis activity, improving resilience to psychological and physical stress
- Anti-Aging Effects:** Slows functional decline of the central nervous system and may contribute to life-extension when cycled with other bioregulators
- Neuroplasticity and Regeneration:** Promotes synaptic plasticity and neuronal repair after trauma, stroke, or neurodegenerative incident
- Systemic Balance:** Supports neuroendocrine integration between the pineal gland, hypothalamus, and peripheral systems

Who would benefit from taking Pinealon? Those who are experiencing age-related cognitive decline Anyone suffering from neurodegenerative conditions like Alzheimer's, Parkinson's, vascular dementia (etc.) Individuals who have suffered a traumatic brain injury (TBI) or stroke People suffering from stress-related disorders and sleep dysregulation Those who need adjunctive support in chronic fatigue and mood disorders Anyone looking for an excellent anti-aging/geroprotective protocol

Possible Side Effects

- Mild headache
- Dizziness (due to neuroendocrine modulation)
- Temporary sleep pattern changes (improvement or disruption depending on dosing time)
- Rare allergic-type response at the injection site when delivered subcutaneously
- Fatigue or overstimulation if mis-timed relative to the circadian cycle

Potential Interactions

- Melatonin or sleep aids: may enhance or alter their effects due to overlapping regulation of circadian rhythms
- Other neuroactive peptides (Epithlon, Semax): Possible additive effects on cognition, neuroprotection, or sleep regulation
- Psychotropic medications (antidepressants, anxiolytics, stimulants): may subtly influence neurotransmitter balance and should be monitored in combination

Contraindications

- Do not use if pregnant or breastfeeding
- Do not use if you have active cancer
- Do not

use Pinealon if you have a severe autoimmune disorder, as it may pose unpredictable effects Do not use if you find that you are hypersensitive to the peptide: hypersensitivity should be considered an allergic response Pinealon: 20mg — Reconstitution and Dosing 10-day cycle, 2-3 cycles per year Dose every day of the 10 day cycle. Subcutaneous Administration Mix with 2mL (200 units) of BAC water First cycle: 20 units (2mg), 1x/day, daily, for 10 days Second cycle and beyond: 20-50 units (2-5mg), 1x/day, daily, for 10 days 2mg= 20 units 3mg= 30 units 4mg= 40 units 5mg= 50 units

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