

## PINEALON (20mg) INJECTABLE PEPTIDE

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Pinealon is a synthetic tripeptide composed of glutamic acid, aspartic acid, and arginine. It is classified as a peptide bioregulator due to its potential to interact directly with cellular DNA and influence gene expression. Research suggests that Pinealon offers neuroprotective benefits, supports cognitive function, and promotes overall brain health.

### HOW IT WORKS / MECHANISM OF ACTION

Pinealon is a synthetic tripeptide composed of glutamic acid, aspartic acid, and glycine, specifically designed to support cognitive and neurological health. Its mechanism of action lies in its ability to penetrate the blood-brain barrier, delivering targeted effects directly to brain cells. Pinealon works by regulating calcium ion flux within neurons, which is critical for maintaining cellular function, signal transmission, and overall brain health. This peptide helps optimize the function of the central nervous system by protecting neurons from oxidative stress and supporting the repair of damaged cells. Additionally, Pinealon is believed to influence the expression of specific genes related to neuroprotection and stress adaptation, enhancing the brain's resilience to age-related decline, chronic stress, and neurological disorders. By improving cellular energy efficiency and reducing oxidative damage, Pinealon promotes better cognitive function, mood stabilization, and overall brain performance.

### BENEFITS

- **Cognitive Enhancement:** By modulating gene expression and neurotransmitter activity, Pinealon may improve learning, memory, and overall cognitive function.
- **Neuroprotection:** Its antioxidant properties and ability to modulate apoptotic pathways help protect neurons from damage, potentially reducing the risk of neurodegenerative diseases.
- **Anti-Aging Effects:** Through telomere protection and reduction of oxidative stress, Pinealon may contribute to slowing the aging process at the cellular level.
- **Mood Stabilization:** By regulating neurotransmitter balance, Pinealon may aid in stabilizing mood and reducing symptoms of anxiety and depression.
- **Improved Sleep Quality:** Pinealon's influence on neurotransmitter regulation may help normalize sleep patterns, leading to better sleep quality.

### HELPS WITH

- |                              |                           |
|------------------------------|---------------------------|
| • Cognitive Health           | • Energy Boost            |
| • Memory Enhancement         | • Focus & Attention       |
| • Mood Stabilization         | • Healthy Aging           |
| • Stress Adaptation          | • Resilience to Stress    |
| • Chronic Fatigue            | • Emotional Balance       |
| • Brain Function             | • Improved Sleep Patterns |
| • Mental Clarity             | • Endocrine Support       |
| • Oxidative Stress Reduction | • Neuroprotection         |

### EXPECTED EFFECTS & TIMELINE OF BENEFITS

- **1-2 Weeks:** Within the first couple of weeks, most users begin to notice improved focus and mental clarity. Brain fog diminishes, and mental energy increases, leading to a heightened ability to concentrate. Many also experience initial improvements in mood stabilization and a greater capacity to handle stress.
- **4-6 Weeks:** As Pinealon continues to take effect, noticeable enhancements in memory recall and cognitive performance become evident. Emotional balance improves, and feelings of chronic fatigue decrease, allowing for a more sustained sense of well-being and productivity throughout the day.
- **8-12 Weeks:** Over the course of two to three months, the full neuroprotective benefits of Pinealon emerge. Learning and memory functions are significantly enhanced, mood regulation becomes more consistent, and users report feeling better equipped to manage stress and maintain focus even under pressure.
- **Long-Term:** With consistent use, Pinealon promotes long-term neural health, helping to reduce the effects of age-related cognitive decline. Users often report enduring improvements in mental clarity, problem-solving ability, and overall brain performance, contributing to a higher quality of life and sustained mental resilience. A study resulted in a 28% reduction in overall mortality over a 12-year period compared to the control group.

### CONTRAINDICATIONS

- **Active Cancer:** Those with active cancer should discuss with a healthcare provider.
- **Pregnant or Breastfeeding Women:** The safety of Pinealon during pregnancy or breastfeeding has not been established.

## DOSING INSTRUCTIONS

## INJECTIONS PER WEEK:

5 injections weekly.

## VIAL DETAILS:

\$300

20mg / 4mL

Lasts 4 weeks.

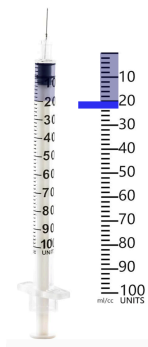
## RECOMMENDED CYCLES:

3 months on (+), 1 month off (-).

3 cycles per year.

## DOSING:

1 mg = 20 units per injection.



## INJECTION SITE:

Administer injections into subcutaneous fat (such as the stomach, thigh, or arm).

## TIME OF DAY:

Pinealon is typically injected in the **morning** or **early afternoon** to align with its cognitive-enhancing and energy-boosting effects.

## WEEKLY PROTOCOL

| SUN | MON                               | TUES                              | WEDS                              | THURS                             | FRI                               | SAT |
|-----|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----|
|     | <input type="checkbox"/> 20 units | <input type="checkbox"/> 20 units | <input type="checkbox"/> 20 units | <input type="checkbox"/> 20 units | <input type="checkbox"/> 20 units |     |

5 injections weekly.

## MONTHLY PROTOCOL

|          | Month 1 | Month 2 | Month 3 | Month 4 | Month 5 | Month 6 | Month 7 | Month 8 | Month 9 | Month 10 | Month 11 | Month 12 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| Pinealon | +       | +       | +       | -       | +       | +       | +       | -       | +       | +        | +        | -        |
|          | CYCLE 1 |         |         |         | CYCLE 2 |         |         |         | CYCLE 3 |          |          |          |

3 months on (+), 1 month off (-).

3 cycles per year.

## POTENTIAL SIDE EFFECTS

- **Mild Gastrointestinal Discomfort:** Some users may experience nausea or mild stomach upset, which is typically temporary and subsides as the body adjusts to the peptide.
- **Injection Site Reactions:** Redness, swelling, or mild pain at the injection site may occur. These effects are usually short-lived and can be managed with proper injection techniques.
- **Fatigue or Lightheadedness:** A temporary sense of fatigue or lightheadedness has been reported, particularly during the first few days of use.
- **Headache:** Mild headaches may occur as the body adapts to the peptide's effects on brain function.
- **Flushing:** A warm or flushed sensation is sometimes reported, which is typically transient.

Please contact us if you experience any of the following:

- Fever of 100.4°F (38°C) or higher
- Blistering at the injection site
- Muscle aches, nausea, dizziness, or headache
- Skin rash, severe itching, vomiting, or hives

If you have any questions, please message your healthcare provider through the patient portal or contact us at **646-596-7386**.

## TIPS TO REDUCE SIDE EFFECTS

1. **Start with a Lower Dose:** Begin with the lowest recommended dose to allow your body to acclimate and reduce the likelihood of side effects.
2. **Rotate Injection Sites:** Alternating injection sites with each administration can help prevent irritation or swelling at a single location.
3. **Take in the Morning:** Administering Pinealon earlier in the day may reduce the likelihood of fatigue or sleep disturbances later on.
4. **Stay Hydrated:** Drinking plenty of water can help alleviate symptoms like flushing or fatigue, supporting overall metabolic balance.
5. **Consult Your Healthcare Provider:** If side effects persist or worsen, consult your healthcare provider for possible dose adjustments or additional guidance.