



Epithalon 100mg

About

Epithalon is a synthetic peptide being studied for its potential to support healthy aging by regulating circadian rhythms, promoting telomere maintenance, and enhancing melatonin production. It may also offer antioxidant and immune-supportive effects.

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What's Included

- One spray bottle
- Concentration: 100mg/15mL

Clinical Research Potential Benefits:

- May support anti-aging, telomere repair, and longevity
- May enhance sleep quality and circadian rhythm regulation
- May improve immune function and reduce inflammation
- May boost energy, cognitive clarity, and vitality
- May support skin health and cellular regeneration

Clinical Research Suggested Use:

- 4 sprays; 2 sprays in each nostril
- Administer daily in the AM
- Duration: 20 days; 2x per year

Nasal Spray Guidelines

Before Use:

- For first-time use: Prime the spray by pressing the pump 2 to 3 times until it fully activates
- Gently blow your nose to clear the nasal passages
- Shake the bottle lightly
- Insert the nozzle toward the back of the nostril while keeping your head upright
- Press the pump to administer the recommended number of sprays

After Use:

- Try to avoid blowing your nose right away
- Wipe the spray tip with a clean tissue
- Replace the cap securely
- Store in the refrigerator

Epithalon 100mg Mechanism of Action

- **Telomere Lengthening and Telomerase Activation:**
 - Telomeres are the protective caps at the ends of chromosomes, which shorten each time a cell divides. As telomeres shorten over time, cells age and lose their ability to regenerate.
 - Epithalon activates telomerase, the enzyme that helps maintain and lengthen telomeres. By increasing telomerase activity, Epithalon helps prevent the premature shortening of telomeres, which is a key factor in the aging of cells. This mechanism supports cellular regeneration and longevity.
- **Regulation of Melatonin Production:**
 - Epithalon acts on the pineal gland, which produces melatonin, a hormone crucial for regulating the body's circadian rhythms (sleep-wake cycles).
 - By stimulating the pineal gland, Epithalon enhances melatonin production, leading to improved sleep quality and better regulation of the body's biological clock. Melatonin also has antioxidant properties and plays a role in cellular repair.
- **Antioxidant and Anti-Inflammatory Effects:**
 - Epithalon has antioxidant properties, helping to neutralize free radicals, which are highly reactive molecules that cause oxidative stress. This oxidative damage accelerates aging and contributes to the development of age-related diseases.
 - It also exhibits anti-inflammatory effects, reducing chronic low-grade inflammation, which is associated with various aging-related conditions like cardiovascular disease, neurodegenerative disorders, and metabolic dysfunction.
- **Cellular Regeneration and DNA Repair:**
 - By increasing telomerase activity and supporting the maintenance of telomeres, Epithalon helps promote cellular regeneration and the repair of damaged DNA. This enhances the body's ability to repair itself, preventing age-related cell degeneration and improving tissue health.
- **Immune System Support:**
 - Epithalon may enhance the function of the immune system, supporting the body's ability to fight infections and illnesses. It can help counteract the immune system decline that typically occurs with aging.