



UNDERSTANDING YOUR TREATMENT



Epithalon

A synthetic tetrapeptide studied for its potential effects on telomerase and cellular aging

- i** Epithalon (epitalon, epithalone) is a synthetic tetrapeptide (Ala-Glu-Asp-Gly) derived from epithalamin, a pineal gland extract studied by Vladimir Khavinson at the St. Petersburg Institute of Bioregulation and Gerontology. It is reported to activate telomerase reverse transcriptase (hTERT), the enz

HOW IT WORKS**1****Amino Acids**

4 (tetrapeptide)

2**Sequence**

Ala-Glu-Asp-Gly

3**Category**

Anti-aging peptide

Talk to your prescriber about whether Epithalon may be right for you

This compound is available by prescription only



WHAT RESEARCHERS HAVE FOUND

Peptide Regulation of Gene Expression and Protein Synthesis in Aging

Study examining the effects of short peptides including epithalon on gene expression patterns, demonstrating changes in telomerase activity and antioxidant enzyme expression in cell cultures.

Bulletin of Experimental Biology and Medicine, 2003

Epithalon Peptide Induces Telomerase Activity and Telomere Elongation

Research showing epithalon's ability to activate telomerase in human somatic cells, with observed increases in telomere length in cell culture models.

Bulletin of Experimental Biology and Medicine, 2004

QUESTIONS TO ASK YOUR PROVIDER

- ? What evidence level supports Epithalon for this patient's indication?
- ? What monitoring protocol should I establish?
- ? Are there contraindications or interactions to screen for?
- ? What is the recommended duration and cycling protocol?
- ? What is the current regulatory status?

IMPORTANT SAFETY INFO

- Epithalon research is primarily based on preclinical and early-stage studies
- Should only be administered under the supervision of a qualified healthcare provider
- Long-term human safety data is limited — ongoing monitoring is recommended
- Not recommended during pregnancy or breastfeeding

Have Questions?

Eternal Beauty Medical Aesthetics

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<https://www.eternalbeautytxarkana.com>

This is a compounded preparation and is NOT an FDA-approved product. It is prepared by a licensed pharmacy based on a prescription from your healthcare provider. The safety and efficacy of this compounded preparation have not been established by the FDA.