PEPTIDE

Epitalon

Tetrapeptide; in vitro evidence of telomerase activation in somatic cell lines, melatonin rhythm modulation in animal models.

BIOGATE · GREEN | POSTERIOR 52.8% | MW 390.4 | 4AA

SEQUENCE

AEDG

Modifications: free acid

PDA-V1 chain of custody

Outer hash

0-e0cc39c0f0cc52f100cc6c2110cc8550a0cbd500b0cbee30c0cc076

Merkle root

137569-f512756862117566cf1075653c0f7563a90e7562160d7560830c755ef0

Inputs

fe308c1cff308daf00308f42013090d5fa3085d0fb308763fc3088f

TEE attestation

152-a125f142a10cc172a1585162a13f2112a0c13102a0a80132a0f39122a0da6

Living Outcome Oracle

± =47.0 ² =42.0 **P(success) = 52.8%**

95% CI [40.8%, 64.8%]

Suggested protocol

Circadian & Pineal Support - Epitalon

GRADE C

Longevity/research-use circadian rhythm and pineal gland support in adults > 50

Dose protocol redacted for researcher audience.

MONITORING ENDPOINTS

- nocturnal melatonin AUC
- Oura sleep latency
- HOMA-IR

Seven-rule export gate

6 / 7 rules satisfied · audience: researcher · Full attestation set, raw posteriors, all hashes

- Grade A or B citation present on the core claim
- BioGate verdict is GREEN or AMBER (RED/BLACK refused)
- Jurisdiction permits the audience-appropriate use
- RWE summary attached when claim depends on outcome data
- Prediction-outcome pairs disclosed when posterior cited
- No human-use claim beyond cited indications
- COA registry lookup available for any synthesis claim

BLOCK REASONS

- Grade A or B citation present on the core claim

Citations

GRADE C

2003 · Bull Exp Biol Med

Epithalamin and epithalon peptides: telomerase activation in somatic cells

Khavinson VK et al.

PMID 12937360