



UNDERSTANDING YOUR TREATMENT



Semax

A nootropic peptide studied for cognitive enhancement, neuroprotection, and focus.

- i** Semax is a synthetic heptapeptide analog of ACTH(4-10) (Met-Glu-His-Phe-Pro-Gly-Pro) developed at the Institute of Molecular Genetics, Russian Academy of Sciences. It is approved in Russia and several CIS countries as a nootropic and neuroprotective agent for stroke, TBI, and cognitive disorders. Un

HOW IT WORKS

1

Compound Class

Nootropic Peptide (ACTH 4-10 analog)

2

Primary Effect

Cognitive enhancement, BDNF modulation

3

Route

Intranasal / Subcutaneous

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

This compound is available by prescription only



WHAT RESEARCHERS HAVE FOUND

BDNF Upregulation

Semax significantly increases BDNF mRNA expression in the hippocampus and basal forebrain, supporting enhanced memory consolidation and synaptic plasticity.

Neuroscience Letters, 2006

Neuroprotection

In ischemic stroke models, Semax demonstrated neuroprotective effects by reducing infarct volume and improving neurological outcomes, supporting its role in neurological recovery.

Doklady Biological Sciences, 2008

QUESTIONS TO ASK YOUR PROVIDER

- ? What evidence level supports Semax 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

- Generally well-tolerated with minimal reported side effects
- Mild headache or nasal irritation (intranasal route) may occur initially
- Does not affect cortisol or adrenal function
- Limited long-term human safety data — physician supervision recommended
- Not recommended during pregnancy or lactation

Have Questions?

Eternal Beauty Medical Aesthetics

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<https://www.eternalbeautytexarkana.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.