

Semax Peptide Overview

What is Semax?

Semax is a synthetic neuropeptide originally developed from a fragment of adrenocorticotrophic hormone (ACTH). Unlike ACTH, Semax does not function as a hormone and is primarily studied for its effects on the central nervous system.

Semax is commonly discussed for potential benefits involving:

- Cognitive performance
- Focus and concentration
- Memory and learning
- Mental clarity
- Stress resilience
- Neuroprotection

Semax is not FDA-approved in the United States and is considered an investigational peptide.

How Semax Works

Semax appears to influence several neurological pathways:

- Increases Brain-Derived Neurotrophic Factor (BDNF), which supports neuroplasticity and neuronal health
- Enhances communication between neurons
- May support dopamine regulation
- May improve cerebral blood flow
- Helps reduce oxidative stress and neuroinflammation

Potential Benefits

Cognitive Function:

- Improved focus
- Better concentration
- Enhanced memory
- Increased mental stamina
- Improved learning capacity

Mood & Stress:

- May support motivation
- May improve mental fatigue
- May enhance resilience during periods of high stress

Neuroprotection:

Research has evaluated Semax for:

- Stroke recovery
- Brain injury recovery
- Cognitive impairment
- Neurological support

Who May Consider Semax?

Semax is commonly discussed for individuals seeking support with:

- Brain fog
- Mental fatigue
- High cognitive demands
- Executive performance
- Learning and productivity
- Neurological recovery support

Administration

The most studied route of administration is subcutaneous

Common clinical approaches include:

- Morning dosing to support daytime focus
- Short cycles rather than continuous use

Dosing varies because Semax does not have an FDA-approved standardized dosing protocol.

Potential Side Effects

Most reported side effects are mild but may include:

- Headache
- Dizziness
- Temporary restlessness
- Increased alertness or difficulty sleeping if taken too late in the day

Contraindications & Cautions

Use caution with:

- Pregnancy or breastfeeding
- Significant psychiatric disorders
- Bipolar disorder
- Severe anxiety disorders

- Uncontrolled medical conditions

Combining Semax With Other Peptides

Commonly discussed combinations include:

Semax + Selank:

- Cognitive support combined with calming effects

Semax + MOTS-c:

- Cognitive and mitochondrial wellness support

Semax + NAD+:

- Cellular energy and brain health support

Semax + CJC/Ipamorelin:

- Recovery and growth hormone pathway support

Patient-Friendly Summary

Semax is a neuropeptide designed to support brain function by promoting neuroplasticity, increasing neurotrophic factors such as BDNF, and supporting communication between brain cells. Many users report improvements in focus, mental clarity, memory, and resilience to stress. Because it is not FDA-approved in the United States, it should be considered an investigational peptide used under appropriate medical guidance.

Pricing and dosing:

- **\$185** for 30 mg vial
- We will mix the powder with 3 ml of sterile solution
- **Keep refrigerated after mixing**
- **300 units** in the vial after mixing
- **starting daily or as needed on a busy day to improve focus, motivation and brain clarity**
- **inject** 5 units in belly
- 60 shots per vial
- **Purchase multiple vials at the same time and receive 5% off**
- Available for pick up at 700 court street, suit 3, Clearwater FL 33756