

RESEARCH PEPTIDE

SEMAX

N-Acetyl Semax

Cognitive Enhancement & Neuroprotection Research



RESEARCH
TODAY



DISCOVER
TOMORROW



A HEALTHIER
HUMAN POTENTIAL



SCIENCE
INSPIRES
HUMAN
POTENTIAL



WHAT IS SEMAX AND WHY IS IT STUDIED?

Semax is a synthetic peptide derived from an ACTH (adrenocorticotrophic hormone) fragment analog. It is studied for cognitive enhancement, focus, memory, mental clarity, stress adaptation, and neuroprotection. Research suggests Semax may influence BDNF and NGF activity, neurotransmitter signaling, and brain-related resilience, making it a peptide of interest for supporting cognitive performance and neuroprotective pathways.



AT A GLANCE



10 mg vial



Research focus: cognitive enhancement, focus, memory, neuroprotection, stress resilience



Format: lyophilized powder



WHAT IT IS STUDIED FOR

- Focus enhancement
- Memory improvement
- Mental clarity
- Neuroprotection
- BDNF support
- Stress resilience



HOW IT MAY WORK

- May support BDNF and NGF related signaling
- May influence dopamine and serotonin activity
- May support cognitive processing and learning
- May promote stress adaptation and mental resilience
- May support neuroprotective pathways



WHAT RESEARCHERS MAY LOOK FOR OVER TIME

1-2 WEEKS

Early focus and mental clarity changes may be noticed.

WEEKS 3-4

Improvements in attention, stress handling, and cognitive sharpness may begin.

WEEKS 6-8

Memory support and broader nootropic effects may become more noticeable.

12+ WEEKS

Longer-term neurocognitive support and resilience may be assessed.



10 MG RESEARCH PROTOCOL

Reconstitution	1 mL bacteriostatic water
Final concentration	10 mg / 1 mL = 10 mg/mL
Starting dose	500 mcg
Syringe reference	5 units
Frequency	1x/day
Research duration	4-8 weeks on
Break	1-2 weeks off
Administration (as in source)	Intranasal administration provides rapid CNS effects; injection may provide systemic benefits.



MIXING

10 mg + 1 mL BAC water = 10 mg/mL

5 units = 500 mcg



TITRATION

No dose-escalation schedule is provided in the source protocol. The source uses 500 mcg (5 units) once daily. Notes: Can be stimulating, so avoid evening use. Often combined with Selank for balanced cognitive enhancement and stress reduction.



IMPORTANT CONSIDERATIONS

- For educational and research purposes only
- Limited human research data
- Avoid use in active or recent cancer research subjects
- Not recommended during pregnancy or breastfeeding
- Store appropriately after reconstitution



EVIDENCE LEVEL

- Human research – Emerging
- Animal research – Limited to moderate
- Mechanistic evidence – Strong
- Long-term safety data – Limited



RESEARCH USE DISCLAIMER

For educational and research use only. Not for human use. Not approved by the FDA or any other regulatory authority. Research compounds are not intended for diagnosis, treatment, or prevention of any disease.