

Semax

PEPTIDES

Please refer to the Prep & Injection Guide for proper reconstitution, syringe sizing, and injection protocols. Mistakes here can compromise your research. [Click here to read the Prep & Injection Guide](#)
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Semax is a synthetic peptide that is an analog of adrenocorticotrophic hormone (ACTH) . It has been studied for its neuroprotective, cognitive-enhancing, and antidepressant effects. Semax stimulates the release of brain-derived neurotrophic factor (BDNF) , a protein that promotes neuron growth and survival, and modulates neurotransmitter levels including dopamine, serotonin, and norepinephrine . It offers nootropic, neuroprotective, and neurorestorative benefits. Benefits Memory enhancement : Participants using Semax made 31% more correct responses than the control group on memory tests Neuroprotection : Shields neurons from stroke, trauma, or neurodegenerative disease damage Antidepressant effects : Reduces anxiety and depression in animal studies Supports neuron survival and promotes synaptic growth and neuroplasticity Helps neurons adapt to injury or environmental change Protects the optic nerve and may be helpful for related disorders Improves trophic supply of the brain (supports brain network connectivity) May help manage ADHD symptoms Inhibits enzymes that degrade enkephalins and regulatory peptides May support recovery from opioid or alcohol withdrawal Shows improvement in non-proliferative diabetic neuropathy Potential for pain relief Possible Side Effects Headache Nausea Insomnia Anxiety Contraindications Do not use if pregnant or breastfeeding Not intended for individuals under 18 SEMAX: 10MG — RECONSTITUTION AND DOSING PROTOCOL 6-8 week cycle followed by 6-8 week washout period Takes 2-3 weeks to build up in system to the point where Semax is operating at optimal capacity Subcutaneous Administration STANDARD PROTOCOL Add 3mL (300 units) of BAC water Weeks 3-4: 15 units, 1x/day, 5-7 days/week Weeks 5-8: 30 units, 1x/day, 5-7 days per week MAXIMUM PROTOCOL (for stroke or TBI recovery) Add 1mL (100 units) of BAC water 10 day cycle: 60 units (6mg), 1x/day, for 10 days

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