

# Semax

## Category: Cognitive

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### Description

Semax is a synthetic heptapeptide derived from ACTH(4-10) with added Pro-Gly-Pro for metabolic stability. It upregulates BDNF expression and enhances dopaminergic and serotonergic activity.

### Protocol & Dosage

Recommended dosage: 200 900 mcg intranasal, 1 2x daily

Biological half-life: Minutes (effects last hours)

Administration: Subcutaneous injection (typical)

### Key Benefits & Mechanisms

✓ Cognitive enhancement

✓ Neuroprotection

✓ Increased BDNF

✓ Stroke recovery

✓ Antidepressant effect

### Side Effects & Safety Profile

✓ Nasal irritation

✓ Overstimulation

✓ Insomnia

✓ Appetite changes

### Important Disclaimer

This document is provided for educational and research purposes only.

Peptides discussed herein are not approved for clinical use without physician oversight.

Never attempt self-administration without professional medical supervision.

Black market peptides can be contaminated, mislabeled, or dangerous.