

ANXIOLYTIC PEPTIDE · SINCE 1980s

SELANK

Calm · Clarity · Resilience

The world's most advanced
peptide for anxiety relief
and mental resilience.

30+

Years of Study

0

Known Withdrawals

7

Amino Acid Chain

Heptapeptide Structure

7-residue anxiolytic peptide



What is Selank?

A synthetic analogue of tuftsin — engineered for calm and clarity

Selank is a synthetic heptapeptide derived from tuftsin, a natural immunomodulatory tetrapeptide, extended with the sequence Pro-Gly-Pro for metabolic stability.

Developed at the Institute of Molecular Genetics of the Russian Academy of Sciences, Selank was designed to address the limitations of classical benzodiazepines — delivering anxiolytic effects without sedation, cognitive blunting, or dependence.

The peptide's sequence — Thr-Lys-Pro-Arg-Pro-Gly-Pro — targets the GABAergic and serotonergic systems simultaneously, producing a uniquely balanced effect that calms without suppressing.

PEPTIDE SEQUENCE

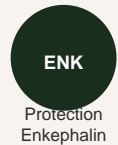
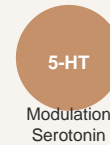
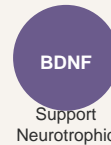
Thr — Lys — Pro — Arg — Pro — Gly — Pro

Unlike benzodiazepines, Selank produces no tolerance, no withdrawal, and no next-day cognitive fog.

Its primary mechanism involves potentiation of GABA-A receptor activity alongside upregulation of brain-derived neurotrophic factor (BDNF) and serotonin metabolism — a combination that underpins its dual anxiolytic and nootropic character.

Selank also modulates enkephalin degradation, extending the natural activity of mood-regulating neuropeptides and contributing to its antidepressant-like properties observed in preclinical and clinical studies.

MECHANISMS OF ACTION



Key Benefits

What users and researchers consistently report

Anxiety Relief

Selank reliably reduces generalised anxiety and social anxiety without blunting emotional responsiveness. Effects are noticeable within 15–30 minutes of intranasal administration.

No Sedation

Unlike benzodiazepines or buspirone, Selank's anxiolysis leaves alertness, reaction time, and coordination fully intact — often described as 'clear-headed calm'.

Cognitive Lift

Concurrent BDNF and serotonin modulation produces improvements in working memory, verbal fluency, and pattern recognition that complement the anxiety reduction.

Immune Modulation

As a tuftsin analogue, Selank retains and enhances the parent molecule's immunomodulatory properties — boosting interferon production and T-cell activity.

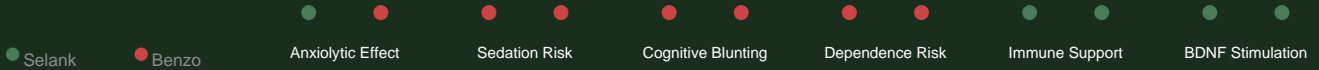
No Dependence

Clinical trials confirm zero physical dependence and no withdrawal syndrome — even after extended daily use. It can be started or stopped at will without tapering.

Mood Stabilisation

Enkephalin protection and serotonin upregulation combine to produce a gentle antidepressant effect, reducing emotional volatility and improving baseline hedonic tone.

SELANK vs. BENZODIAZEPINES



Research & Dosing

1991 Anxiety Disorders

Initial Russian clinical trials confirmed Selank's anxiolytic efficacy in generalised anxiety disorder (GAD) without the sedative or amnesic side-effects of benzodiazepines.

2007 Immune Enhancement

Controlled trials demonstrated significant upregulation of interferon production and T-cell activity in immunocompromised patients, validating the tuftsin-derived immunomodulatory hypothesis.

2010 PTSD & Stress

Studies on stress-induced memory impairment showed Selank normalised hippocampal gene expression and reversed cognitive deficits induced by chronic unpredictable stress.

2018 Gene Expression

Transcriptomic analysis revealed Selank modulates over 80 genes involved in serotonin transport, synaptic plasticity, and neuronal survival — among the most comprehensive profiles of any peptide.

Dosing Protocol

Route:	Intranasal drops (preferred)	Onset:	10 – 20 minutes intranasal
Standard Dose:	250 – 3000 mcg per session	Duration:	4 – 6 hours of primary effect
Start Low:	250 mcg once daily for 1 week	Stacks Well With:	Semax, NA-Selank, BPC-157
Cycle:	10–14 days on, 7 days off		

Note: For research use only. Not approved as a therapeutic drug in all regions. Consult a licensed physician before any use.

Formula C33H57N11O9

MW 751.87 g/mol

Route Intranasal

Origin Russia, 1980s

Status Licensed RU

Experience the Difference

Selank stands alone as the only anxiolytic that calms without compromising. Trusted by researchers, clinicians, and performance-focused individuals in over 30 countries.

CALM

relief, no sedation
Genuine anxiety

CLEAR

maintained & improved
Cognitive function

CLEAN

no withdrawal
No dependence,

ORDER NOW

LEARN MORE

FREE SAMPLE

SELANK

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Always consult a licensed healthcare professional before beginning any peptide protocol.