

ADAMAX

PRODUCT DESCRIPTION

ADAMAX is an adamantylated Semax analog with enhanced lipophilicity, BBB penetration, and enzymatic resistance. Modulates BDNF and TrkB receptor signaling for neuroplasticity, learning, and memory. Improved metabolic stability and longer duration of action vs. unmodified Semax.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2925
CAS Number	153931-84-9
Molecular Weight	~984-1032 Da
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

Modified Semax analog (adamantane moiety)

RESEARCH APPLICATIONS

Application	Neuroprotection
Biomarker Target	Neurotrophic Factors
Research Area	Neuroscience
Sub-category	Neuroprotection & Cognitive Enhancement

STORAGE & HANDLING

Storage Temperature	-20 deg C
Form	Lyophilized
Stability	Lyophilized product stable for 24 months at -20 deg C
Reconstitution	Reconstitute in sterile water or appropriate buffer
After Reconstitution	Aliquot and store at -20 to -80 deg C
Avoid	Repeated freeze-thaw cycles

AVAILABLE SIZES

Size Options	1 mg, 10 mg
Usage	Research use

QUALITY CONTROL

Purity Method	HPLC, Mass Spectrometry (MS)
---------------	------------------------------

Identity	Confirmed by ESI-MS or MALDI-TOF
Purity	Peak Area by HPLC >=95%
Documentation	Certificate of Analysis (CoA) available upon request