

Leptin (116-130)

Cat. No.:	HY-P3340
CAS No.:	189224-35-9
Molecular Formula:	C64H108N18O25S
Molecular Weight:	1561.72
Sequence Shortening:	SCSLPQTSGLQKPES
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Leptin (116-130) is a bioactive leptin fragment. Leptin (116-130) promotes AMPA receptor trafficking to synapses and facilitate activity-dependent hippocampal synaptic plasticity. Leptin (116-130) prevents hippocampal synaptic disruption and neuronal cell death in models of amyloid toxicity. Leptin (116-130) has the potential for the research of Alzheimer's disease (AD)^[1].

REFERENCES

[1]. Malekizadeh Y, et al. A Leptin Fragment Mirrors the Cognitive Enhancing and Neuroprotective Actions of Leptin. *Cereb Cortex*. 2017;27(10):4769-4782.

Caution: Product has not been fully validated for medical applications. For research use only.

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