

p-fin4

Cat. No.:	HY-P3355
CAS No.:	2883747-74-6
Molecular Formula:	C ₃₉ H ₅₃ N ₈ O ₁₈ P
Molecular Weight:	952.85
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

p-fin4 is a peptide inhibitor of STEP Phosphatase-GluA2 AMPA receptor interaction with a K_i of 0.4 μ M. p-fin4 restores the memory deficits and displays anxiolytic and antidepressant effects in a scopolamine-treated rat model. p-fin4 is a promising lead compound for novel cognitive enhancers and/or behavioral modulators^[1].

REFERENCES

[1]. Szedlacsek HS, et al. Designed Peptide Inhibitors of STEP Phosphatase-GluA2 AMPA Receptor Interaction Enhance the Cognitive Performance in Rats. *J Med Chem.* 2022;65(1):217-233.

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

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