

JLB2-110c

Cat. No.:	HY-P6176
CAS No.:	3032608-72-0
Molecular Formula:	C ₇₁ H ₁₀₈ N ₂₈ O ₁₂
Molecular Weight:	1545.8
Sequence:	Cyclo(Pro-His-{d-Phe}-Arg-Trp-{Dap}-{Lys(Ac-Arg-Arg-Arg)}-{d-Pro})
Sequence Shortening:	Cyclo(PH-{d-Phe}-RW-{Dap}-{Lys(Ac-RRR)}-{d-Pro})
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	JLB2-110c activates MCRs receptor (mMC4R EC ₅₀ = 0.34 nM) and has a strong in vivo appetite suppressant effect ^[1] .
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REFERENCES

[1]. Ericson MD, et al. Incorporation of Three Extracyclic Arginine Residues into a Melanocortin Macrocytic Agonist (c[Pro-His-DPhe-Arg-Trp-Dap-Lys(Arg-Arg-Arg-Ac)-DPro]) Decreases Food Intake When Administered Intrathecally or Subcutaneously Compared to a Macrocytic Ligand Lacking Extracyclic Arginine Residues (c[Pro-His-DPhe-Arg-Trp-Dap-Ala-DPro]). ACS Pharmacol Transl Sci. 2024 Apr 2;7(4):1114-1125.

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

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