

TCMCB07

Cat. No.:	HY-P5971
CAS No.:	1456699-27-6
Molecular Formula:	C ₆₃ H ₈₇ N ₁₅ O ₁₁
Molecular Weight:	1230.46
Sequence:	Ac-Nle-c[Asp-Pro-D-Nal(2')-Arg-Trp-Lys]-dVal-dPro-NH2
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

TCMCB07, a cyclic nonapeptide peptide, is an orally active and brain-penetrant melanocortin receptor 4 (MC4R) antagonist. TCMCB07 plays an important role in cachexia^[1].

REFERENCES

[1]. Yongjun Hu, et al. Characterization of the cellular transport mechanisms for the anti-cachexia candidate compound TCMCB07. J Cachexia Sarcopenia Muscle. 2020 Dec;11(6):1677-1687.

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

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