



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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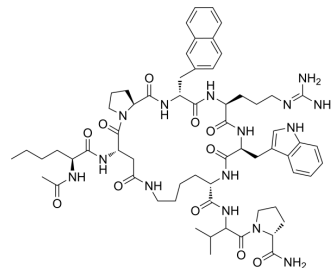
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TCMCB07

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-NH ₂
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (81.27 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.8127 mL	4.0635 mL	8.1270 mL
	5 mM	0.1625 mL	0.8127 mL	1.6254 mL
	10 mM	0.0813 mL	0.4064 mL	0.8127 mL

Please refer to the solubility information to select the appropriate solvent.

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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