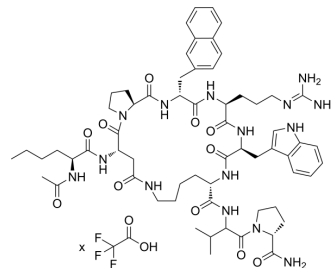


TCMCB07 TFA

Cat. No.:	HY-P5971A		
Molecular Formula:	$C_{63}H_{87}N_{15}O_{11} \cdot xC_2HF_3O_2$		
Target:	Melanocortin Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Sealed storage, away from moisture and light		
	Powder	-80°C	2 years
		-20°C	1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)		



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 100 mg/mL
	* " \geq " means soluble, but saturation unknown.

BIOLOGICAL ACTIVITY

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