

HS024 TFA

Cat. No.:	HY-P1215A
Molecular Formula:	C ₆₀ H ₈₀ F ₃ N ₁₉ O ₁₂ S ₂
Molecular Weight:	1380.52
Sequence Shortening:	Ac-C-(Nle)-RH-(D-2NaI)-RWGC-NH2 (Disulfide bridge:Cys1-Cys9)
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description

HS024 is a selective **MC4 receptor** antagonist, with K_s of 0.29, 3.29, 5.45, 18.6 nM for MC4, MC5, MC3, and MC1, respectively. HS024 increase food intake^[1].

REFERENCES

[1]. Kask A, et al. Discovery of a novel superpotent and selective melanocortin-4 receptor antagonist (HS024): evaluation in vitro and in vivo. *Endocrinology*. 1998;139(12):5006-5014.

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

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