

## HS024

<b>Cat. No.:</b>	HY-P1215
<b>CAS No.:</b>	212370-59-7
<b>Molecular Formula:</b>	C <sub>58</sub> H <sub>79</sub> N <sub>19</sub> O <sub>10</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	1266.5
<b>Sequence Shortening:</b>	Ac-C-[Nle]-RH-[D-2Nal]-RWGC-NH <sub>2</sub> (Disulfide bridge:Cys1-Cys9)
<b>Target:</b>	Melanocortin Receptor
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	HS024 is a selective MC4 receptor antagonist, with K <sub>i</sub> s of 0.29, 3.29, 5.45, and 18.6 nM for MC4, MC5, MC3, and MC1, respectively. HS024 increase food intake <sup>[1]</sup> .
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### 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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