

## CART (55-76), rat

<b>Cat. No.:</b>	HY-P3692
<b>CAS No.:</b>	1815618-15-5
<b>Molecular Formula:</b>	C <sub>107</sub> H <sub>166</sub> N <sub>26</sub> O <sub>33</sub> S <sub>3</sub>
<b>Molecular Weight:</b>	2440.81
<b>Sequence Shortening:</b>	IPIYEKKYGQVPMCDAGEQCAV (Disulfide bridge: Cys14-Cys20)
<b>Target:</b>	Neuropeptide Y 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

#### Description

CART (55-76), rat is a neuropeptide (55-76 residues of the CART peptide) and constitutes the N-terminal fragments of CART (55-102). CART (55-76), rat is a rat satiety factor with potent appetite-suppressing activity and is closely associated with leptin and neuropeptide Y. CART (55-76), rat can induce anxiety and stress-related behavior<sup>[1]</sup>.

### REFERENCES

[1]. Dylag T, et, al. The activity of CART peptide fragments. Peptides. 2006 Aug;27(8):1926-33.

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

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