

Obestatin(rat) TFA

Cat. No.:	HY-P1306A
Molecular Formula:	C ₁₁₆ H ₁₇₅ F ₃ N ₃₄ O ₃₃
Molecular Weight:	2630.83
Sequence:	Phe-Asn-Ala-Pro-Phe-Asp-Val-Gly-Ile-Lys-Leu-Ser-Gly-Ala-Gln-Tyr-Gln-Gln-His-Gly-Arg-Ala-Leu-NH ₂
Sequence Shortening:	FNAPFDVGIKLSGAQYQQHGRAL-NH ₂
Target:	GHSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Obestatin(rat) TFA, encoded by the Ghrelin gene, is a cpeptide, comprised of 23 amino acids. Obestatin(rat) TFA suppresses food intake, inhibits jejunal contraction, and decreases body-weight gain. Obestatin is an endogenous ligand of G-protein coupled receptor 39 (GPR39). Obestatin(rat) TFA has anti-inflammatory, anti-myocardial infarction and antioxidant activities [1][2].

REFERENCES

[1]. Science. 2005 Nov 11;310(5750):996-9. doi: 10.1126/science.1117255.

[2]. Azadeh Toosi, et al. Obestatin Improve Spatial Memory Impairment in a Rat Model of Fetal Alcohol Spectrum Disorders via Inhibiting Apoptosis and Neuroinflammation. Neuropeptides. 2019 Apr;74:88-94.

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

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