

Obestatin(rat)

Cat. No.:	HY-P1306
CAS No.:	869705-22-6
Molecular Formula:	C ₁₁₄ H ₁₇₄ N ₃₄ O ₃₁
Molecular Weight:	2516.81
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:	Sealed storage, away from moisture and light, under nitrogen 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, under nitrogen)

BIOLOGICAL ACTIVITY

Description

Obestatin(rat), encoded by the Ghrelin gene, is a peptide, comprised of 23 amino acids. Obestatin(rat) 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) has anti-inflammatory, anti-myocardial infarction and antioxidant activities^[1] [2].

REFERENCES

[1]. 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.

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

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA