

Galanin-Like Peptide (porcine)

Cat. No.:	HY-P5064
CAS No.:	245114-96-9
Molecular Formula:	C ₂₈₁ H ₄₄₃ N ₈₁ O ₇₈
Molecular Weight:	6204.02
Sequence:	Ala-Pro-Val-His-Arg-Gly-Arg-Gly-Gly-Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly-Pro-Val-Leu-His-Pro-Pro-Ser-Arg-Ala-Glu-Gly-Gly-Gly-Lys-Gly-Lys-Thr-Ala-Leu-Gly-Ile-Leu-Asp-Leu-Trp-Lys-Ala-Ile-Asp-Gly-Leu-Pro-Tyr-Pro-Gln-Ser-Gln-Leu-Ala-Ser
Sequence Shortening:	APVHRGRGGWTLNSAGYLLGPVLHPPSRAEGGGKGTALGILDWLKIDGLPYPQSQLAS
Target:	Neuropeptide Y Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Galanin-Like Peptide (porcine) is a 60 amino acid neuropeptide that was first isolated from the porcine hypothalamus. Galanin-Like Peptide (porcine) has a high affinity for the GALR2 receptor (IC₅₀ of 0.24 nM) and a lower affinity for the GALR1 receptor (IC₅₀ of 4.3 nM)^[1].

REFERENCES

[1]. T Ohtaki, et al. Isolation and cDNA cloning of a novel galanin-like peptide (GALP) from porcine hypothalamus. J Biol Chem. 1999 Dec 24;274(52):37041-5.

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

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