

## Galanin (2-29) (rat)

Cat. No.:	HY-P1133
CAS No.:	141696-11-9
Molecular Formula:	C <sub>139</sub> H <sub>208</sub> N <sub>42</sub> O <sub>40</sub>
Molecular Weight:	3107.4
Sequence:	Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly-Pro-His-Ala-Ile-Asp-Asn-His-Arg-Ser-Ph e-Ser-Asp-Lys-His-Gly-Leu-Thr-NH <sub>2</sub>
Sequence Shortening:	WTLNSAGYLLGPHAIDNHRSFSDKHGLT-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Galanin (2-29) (rat) inhibits rat pancreatic protein and CCK-8-stimulated amylase secretion. Galanin (2-29) (rat) is an GAL2R agonist (K <sub>i</sub> : 3.5 nM) <sup>[1][2]</sup> .
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### REFERENCES

- [1]. Rossowski WJ, et al. Galanin: structure-dependent effect on pancreatic amylase secretion and jejunal strip contraction. *Eur J Pharmacol.* 1993 Aug 24;240(2-3):259-67.
- [2]. Wang S, et al. Molecular cloning and pharmacological characterization of a new galanin receptor subtype. *Mol Pharmacol.* 1997 Sep;52(3):337-43.

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

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