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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Galanin (1-15) (porcine, rat)

| | |
|-----------------------------|---|
| Cat. No.: | HY-P1134 |
| CAS No.: | 112747-70-3 |
| Molecular Formula: | C ₇₂ H ₁₀₅ N ₁₉ O ₂₀ |
| Molecular Weight: | 1556.72 |
| Sequence: | Gly-Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly-Pro-His-Ala |
| Sequence Shortening: | GWTLNSAGYLLGPHA |
| Target: | 5-HT 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 (1-15) (porcine, rat) is the N-terminal 15 amino acids peptide fragment of the neuropeptide galanin. Galanin (1-15) (porcine, rat) interacts with the 5-HT_{1A} receptor in the dorsal hippocampus of the rat brain, reduces the affinity of 5-HT_{1A} receptors, and regulates the serotonin neuronal networks^[1].

REFERENCES

[1]. Hedlund PB, et al., Galanin-(1-15), but not galanin-(1-29), modulates 5-HT_{1A} receptors in the dorsal hippocampus of the rat brain: possible existence of galanin receptor subtypes. *Brain Res.* 1994 Jan 14;634(1):163-7.

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

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