

Galanin receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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Abstract

Galanin receptors (**provisional nomenclature as recommended by NC-IUPHAR [56]**) are activated by the endogenous peptides [galanin](#) and [galanin-like peptide](#). Human [galanin](#) is a 30 amino-acid non-amidated peptide [51]; in other species, it is 29 amino acids long and C-terminally amidated. Amino acids 1–14 of galanin are highly conserved in mammals, birds, reptiles, amphibia and fish. Shorter peptide species (*e.g.* human galanin-1–19 [21] and porcine galanin-5–29 [166]) and N-terminally extended forms (*e.g.* N-terminally seven and nine residue elongated forms of porcine galanin [22, 166]) have been reported.

Contents

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