

Orexin receptors in GtoPdb v.2021.3

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Abstract

Orexin receptors (**nomenclature as agreed by the NC-IUPHAR Subcommittee on Orexin receptors [42]**) are activated by the endogenous polypeptides **orexin-A** and **orexin-B** (also known as hypocretin-1 and -2; 33 and 28 aa) derived from a common precursor, **preproorexin or orexin precursor**, by proteolytic cleavage and some typical peptide modifications [109]. Currently the only orexin receptor ligands in clinical use are **suvorexant** and **lemborexant**, which are used as hypnotics. Orexin receptor crystal structures have been solved [134, 133, 54, 117, 46].

Contents

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OX₂ receptor

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