PERSPECTIVE

Paradoxical Stimulatory Effects of the “Standard” Histamine H₄-Receptor Antagonist JNJ7777120: the H₄ Receptor Joins the Club of 7 Transmembrane Domain Receptors Exhibiting Functional Selectivity

Roland Seifert, Erich H. Schneider, Stefan Dove, Irena Brunskole, Detlef Neumann, Andrea Strasser, and Armin Buschauer

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□ Molecular Determinants of Potent P2X2 Antagonism Identified by Functional Analysis, Mutagenesis, and Homology Docking
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□ A State-Dependent Salt-Bridge Interaction Exists across the β/α Intersubunit Interface of the GABAₐ Receptor
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□ The Tricyclic Antidepressant Amitriptyline Inhibits d-Cyclin Transactivation and Induces Myeloma Cell Apoptosis by Inhibiting Histone Deacetylases: In Vitro and In Silico Evidence
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