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Inwardly rectifying potassium channels (K_{IR}) in GtoPdb v.2023.1

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Abstract

The 2TM domain family of K channels are also known as the inward-rectifier K channel family. This family includes the strong inward-rectifier K channels (K_{ir}2.x) that are constitutively active, the G-protein-activated inward-rectifier K channels (K_{ir}3.x) and the ATP-sensitive K channels (K_{ir}6.x, which combine with sulphonylurea receptors (SUR1-3)). The pore-forming α subunits form tetramers, and heteromeric channels may be formed within subfamilies (*e.g.* K_{ir}3.2 with K_{ir}3.3).

Contents

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Database links

Inwardly rectifying potassium channels (K_{IR})

https://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=74

Introduction to Inwardly rectifying potassium channels (K_{IR})

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Channels and Subunits

$K_{ir}1.1$

https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=429

$K_{ir}2.1$

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$K_{ir}3.1$

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$K_{ir}7.1$

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