OligomerName: µ-opioid δ-opioid receptors heterodimer
protomers: {µ-opioid receptor, δ-opioid receptor}
studies: {IdentificationStudy}
references: {ExternalReference1, ExternalReference2 . . .}

IdentificationStudy

methodType: Coimmunoprecipitation
phenotype: {PhenotypicChange}
cellType: Human embryonic kidney 293 cells

PhenotypicChange comparedWith: µ-opioid receptor

LigandBinding

ligandUnderTest: DAMGO [D-Pen2,D-Pen5]enkephalin
protomersBound: µ-opioid receptor
affinityChange: NOT_TESTED (in this paper)
bindingXTalk: {CrossTalk1, CrossTalk2, CrossTalk3, CrossTalk4}
ligandProperty: agonist

CrossTalk1

ligandA: DAMGO [D-Pen2,D-Pen5]enkephalin
ligandB: (H-Tyr-Tic[CH2NH]Phe-Phe-OH) (TIPP)
protomerA: µ-opioid receptor
protomerB: δ-opioid receptor
changeinProtomerA: INCREASED

CrossTalk2

ligandA: DAMGO [D-Pen2,D-Pen5]enkephalin
ligandB: SNC80
protomerA: µ-opioid receptor
protomerB: δ-opioid receptor
changeinProtomerA: UNCHANGED

CrossTalk3

ligandA: DAMGO [D-Pen2,D-Pen5]enkephalin
ligandB: DeltorphinII
protomerA: µ-opioid receptor
protomerB: δ-opioid receptor
changeinProtomerA: INCREASED

CrossTalk4

ligandA: DAMGO [D-Pen2,D-Pen5]enkephalin
ligandB: [D-Pen2,D-Pen5]enkephalin (DPDPE)
protomerA: µ-opioid receptor
protomerB: δ-opioid receptor
changeinProtomerA: UNCHANGED