

LSKB ver3.5 release note

Explaining below is the changes of the LSKB (Life Science Knowledge Bank) version 3.5.

[New Function]

1. The "Binding DB (<http://www.bindingdb.org/>)" link from the PDB ID pop-up menu.



PDB

[PPARG] peroxisome proliferator-activated receptor gamma

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UniProt Entry Description

PPARG_HUMAN Peroxisome proliferator-activated receptor gamma (Nuclear receptor subfamily 1 group C member 3)

> UniProt

PDB ID	Title	Ligand	Source / Resolution
1FMO	THE 2.1 ANGSTROM RESOLUTION CRYSTAL STRUCTURE OF THE HUMAN RXRALPHA AND BINDING DOMAINS RESPECTIVELY BOUND WITH 9-CIS RETINOIC ACID AND ROSIGLITAZONE TIDES.	BRL REA	Xray 2.1
1FMT	THE HETERODIMER OF THE HUMAN RXRALPHA AND PPARGAMMA LIGAND BOUND WITH 9-CIS RETINOIC ACID AND ROSIGLITAZONE TIDES.	STO REA	Xray 2.1
1FMT	CRYSTAL STRUCTURE OF THE HUMAN RXRALPHA AND PPARGAMMA LIGAND BOUND WITH 9-CIS RETINOIC ACID AND ROSIGLITAZONE TIDES.	STO REA	Xray 2.1

The Binding Database

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PDB code 1FM6

Compile Data Set for Download or QSAR (20) Computed 3D by [jzopf](#) -m prep (0)

Make Data Set

Identical Ligands in BindingDB

Found 234 hits Enzyme Inhibition Constant Data

Target (Inhibition)	Ligand	Target Links	Ligand Links	Trig + Lig Links	Ki nM	IC50 nM	IC50 uM
Retinoid X receptor alpha (238238) = 100%	AT-Rx	ECB MCCR	ChEMBL DrugBank NCI Pathway	ECB Pubmed	0.4	n/a	n/a

END