

A Selectivity Study of FFAR4/FFAR1 Agonists by Molecular Modeling

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6IBL	AKVMSLLMAL	VVLLIVAGNV	LVIAAIGSTQ	RLQTLTNLFI	TSLACADLVV
FFAR4	AAVETTVLV	IFAVSLLGNV	CALVLVARRR	RRGA-TACL	LNLFCADLLF
6IBL	GLLVVPFGAT	LVVRGTWLWG	SFLCELWTS	DVLCVTASIE	TLCVIAIDRY
FFAR4	-ISAIPVLVA	V RWTE AWLLG	PVACHLLFYV	MTLSGSVTIL	TAAVSLERM
6IBL	LAITSPFRYQ	SLMTRARAKV	IICTVWAISA	LVSFLPIMMH	WWRDEDPOAL
FFAR4	VCIV-----	----RARA-V	LLALINGYSA	VAA-LPLCV-	FFR VVPQRLP
6IBL	KCYQDPGCCD	FVT-----NR	AYAIASSIIS	FYIPLLIMIF	VYLRVYREAK
FFAR4	GADQEISICT	LIWPTIPGEI	SWDVSFVTLN	FLVPGLVIVI	SYSKILQITK
6IBL	EQIRKIDRAS	-----AM	KEHKALKTLG	IIMGVFTLCW	LPFFLVNIIVN
FFAR4	ASRKRLTVS-	-----	QDFRLFRTL	LLMVSFFIMW	SPIIITILLI
6IBL	VFNRLVDPDW	LFVAFNWLG	ANSAMNPITY	CRSPDFRKAF	KRLLA
FFAR4	LIQN-----	LFFWVVAFTF	ANSALNPILY	NMTLCRNEWK	KIFCCF
4XES	LLAIPMTMGL	QNRSADGTHP	GGLVCTPIVD	TATVKVVIQV	
FFAR4ECL2	-----V	PQRLP-GADQ	EISICTLIWP	T-----	

Figure S1. Sequence alignment from Ala40 to Phe337 for homology modeling. Background color indicated similarity, dark-cyan for identity, blue for high similarity and cyan for low similarity. White indicated no similarity. Arg99-Ala103 were marked in red, residues in ECL2 were marked in magenta.