

In-vitro Screening Assays

Target	Assay Type
GPCRs	
5-HT1A	Reporter Gene Driven Cell Based
5-HT2A	Radioligand binding/ Reporter Gene Driven Cell Based
5-HT2B	Radioligand binding
5-HT2C	Radioligand binding
5-HT4	Reporter Gene Driven Cell Based
5-HT6	Reporter Gene Driven Cell Based
5-HT7	Radioligand binding
Dopamine D2	Radioligand binding/ GTPgS Functional
Dopamine D3	Radioligand binding/ GTPgS Functional
Histamine H1	Radioligand binding/ Reporter Gene Driven Cell Based
Muscurnic M1	Reporter Gene Driven Cell Based
Muscurnic M4	Reporter Gene Driven Cell Based
Adrenergic alpha1b	Radioligand binding/ Reporter Gene Driven Cell Based
CB1	Reporter Gene Driven Cell Based
Transporters	
SERT	Radioligand binding
DOPT	Radioligand binding
NET	Radioligand binding
Nuclear Receptors	
LXR alpha	Reporter Gene Driven Cell Based
LXR beta	Reporter Gene Driven Cell Based
PPAR gamma	Reporter Gene Driven Cell Based
RXR alpha	Reporter Gene Driven Cell Based
Ligand Gated Ion Channels	
Nicotinic Alpha4Beta2	Radioligand binding/ Aequorin based
Nicotinic Alpha3Beta4	Radioligand binding/ Aequorin based
hERG	Radioligand binding

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