

S2 Table. Binding affinity (K_i , nM) of STD-101-D1 at non-ADRB1 binding sites.

Receptor	Hot ligand	Binding Affinity K_i (nM)
ADRB1	[¹²⁵ I]Pindolol	229.7
ADRB2	[³ H]CGP12177	-
ADRB3	[³ H]CGP12177	484.7
ADR- Alpha 1A	[³ H] Prazosin	17
ADR- Alpha 1B	[³ H] Prazosin	267
ADR - Alpha 1D	[³ H] Prazosin	25
ADR - Alpha 2A	[³ H] Rauwolscine	1168
ADR - Alpha 2B	[³ H] Rauwolscine	337
ADR - Alpha 2C	[³ H] Rauwolscine	108
5-HT 1A	[³ H]8-OH-DPAT	11
5-HT1B	[³ H]GR125743	382
5-HT 1D	[³ H]GR125743	149
5-HT 1E	[³ H]5HT	-
5-HT 2A	[³ H]Ketanserin	1239
5-HT 2B	[³ H]LSD	25
5-HT 2C	[³ H]Mesulergine	1153
5-HT 3	[³ H]GR65630	-
5-HT5A	[³ H]LSD	-
5-HT6	[³ H]LSD	1769
5-HT7	[³ H]LSD	-
PBR#	[³ H]PK11195	-
D ₁	[³ H]SCH23390	-
D ₂	[³ H]N-Methylspiperone	-
D ₃	[³ H]N-Methylspiperone	47
D ₄	[³ H]N-Methylspiperone	-
D ₅	[³ H]SCH23390	-
DAT	[³ H]WIN35428	-
NET	[³ H]Nisoxetine	-
δ-OR, μ-OR, κ-OR	[³ H]DADLE, [³ H]DAMGO, [³ H]U69593	-
GABA A receptor	[³ H] Muscimol	-
H ₁	[³ H]Pyrilamine	-
H ₃	[³ H]Alpha-methylhistamine	-
H ₄	[³ H]Histamine	-
M ₁ , M ₂ , M ₃ , M ₄ , M ₅ mAChR	[³ H]QNB	-
Sigma 1 receptor	[³ H]Pentazocine(+)	146
Sigma 2 receptor	[³ H]DTG	236

_ < 50% inhibition of radioligand binding at 10 μM STD-101-D1

Receptor abbreviations:

ADR, adrenergic receptor; 5HT, serotonin receptor; PBR, peripheral benzodiazepine receptor; D, dopamine receptor; DAT, dopamine transporter; NET, norepinephrine transporter; OR, opioid receptor; GABA, *gamma*-aminobutyric acid receptor; H, histamine receptor; mAChR, muscarinic acetylcholine receptor.