Table 3. G protein-coupled receptors (GPCRs) used for radioligand binding studies with CUR61414

No.	Receptor	Subtypes	Species	No.	Receptor	Subtypes	Species
1	Adenosine	A_1-A_{2A}-A_{2B}	H	16	Melanocortin	MC4	H
2	Adrenergic	$\underline{a_{1A}}$-$\underline{a_{1B}}$-a_{1D}-a_{2A}-a_{2B}-a_{2C}-ß$_1$-ß$_2$-ß$_3$	H R	17	Melatonin	ML_1	Ch
3	Angiotensin	AT_1-AT_2	H	18	Muscarinic	M_1-M_2-M_3-M_4-M_5	H
4	Bombesin		R	19	Neuropeptide	Y_1-Y_2	H
5	Bradykinin	B_2	H	20	Neurotensin		M
6	Calcitonin		H	21	Opiate	δ–κ–μ	H
7	Canabinoid	CB_1-CB_2	H	22	Platelet Activting Factor (PAF)		Rb
8	Chemokine	CCR5-CXCR1-CXCR2	H	23	Purinergic	$\underline{P_{2X}}$-$\underline{P_{2Y}}$	Rb R
9	Cholecystokinin	CCK_A-CCK_B	H	24	Serotonin 5-HT	HT_{1A}-HT_{1B}-HT_{1D}-$\underline{HT_E}$-HT_{2A}-HT_{2B}	H R
10	Dopamine	D_1-D_{2L}-D_3-$D_{4.2}$-D_5	H			HT_{2C}-HT_3-$\underline{HT_E}$-HT_{5A}-HT_6-HT_7	H GP
11	Endothelin	ET_A-ET_B	H	25	Tachykinin	NK_1-NK_2-NK_3	H
12	$GABA_A$	Agonist Site	R	26	Thromboxane	A_2 (TXA_2)	Rb
13	Galanin		H	27	Thyrotropin Releasing Hormone (TRH)		R
14	Histamine	$\underline{H_1}$-$\underline{H_2}$-$\underline{H_3}$	R GP	28	Vasoactive Intestinal Peptide (VIP)	VIP_1	H
15	Leukotriene	B_4	H	29	Vasopressin	V_{1A}	H

CUR61414 (3 µM) was incubated with the different GPCRs to determine the effect on binding of the natural ligands. H, human; Rb, rabbit; R, rat; M, mouse; Ch, chicken. Non-human subtypes are underlined. All IC50s were between ≤30% stimulation and ≤30% inhibition, and therefore not considered significant.