

Supplementary information

Novel oestrogen receptor β -selective ligand reduces obesity and depressive-like behaviour in ovariectomized mice

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Supplementary Table S1: Immobility time in the forced swim test.

Group	Animal	Immobility time (s)								
		0-1 min	1-2 min	2-3 min	3-4 min	4-5 min	5-6 min	Total (0-6 min)	Total (0-3 min)	Total (3-6 min)
Sham-operated mice	Sham-op mouse 1	0.63	14.22	42.33	31.44	37.87	48.82	175.31	57.18	118.13
	Sham-op mouse 2	2.24	8.75	6.49	15.05	16.41	9.31	58.25	17.48	40.77
	Sham-op mouse 3	0.00	41.83	17.45	17.62	20.48	38.22	135.60	59.28	76.32
	Sham-op mouse 4	2.99	3.30	7.87	42.96	26.09	30.57	113.78	14.16	99.62
	Sham-op mouse 5	5.14	11.08	20.68	26.88	17.58	22.14	103.50	36.90	66.60
	Sham-op mouse 6	0.00	9.71	14.63	12.37	26.51	27.41	90.63	24.34	66.29
	Sham-op mouse 7	0.01	1.32	2.29	2.82	0.00	8.98	15.42	3.62	11.80
	Sham-op mouse 8	2.37	3.32	19.26	22.97	21.66	20.61	90.19	24.95	65.24
	Sham-op mouse 9	1.97	6.19	31.28	20.49	19.19	18.96	98.08	39.44	58.64
	Sham-op mouse 10	0.00	23.27	25.41	45.42	34.68	36.50	165.28	48.68	116.60
	Sham-op mouse 11	7.88	11.29	9.59	9.51	7.84	11.45	57.56	28.76	28.80
	Sham-op mouse 12	10.17	30.18	52.28	58.96	58.93	48.69	259.21	92.63	166.58
OVX placebo-administered mice	OVX mouse 1	10.60	24.74	31.40	26.70	33.95	40.19	167.58	66.74	100.84
	OVX mouse 2	5.30	20.61	31.64	39.18	39.37	28.04	164.14	57.55	106.59
	OVX mouse 3	44.50	37.74	34.42	36.83	49.41	33.92	236.82	116.66	120.16
	OVX mouse 4	43.64	43.85	52.10	50.04	39.02	40.24	268.89	139.59	129.30
	OVX mouse 5	7.07	29.76	34.59	1.40	28.54	32.18	133.54	71.42	62.12
	OVX mouse 6	12.58	26.36	45.89	37.11	20.84	35.72	178.50	84.83	93.67
	OVX mouse 7	30.61	22.70	30.96	24.33	35.97	38.69	183.26	84.27	98.99
	OVX mouse 8	23.67	19.10	14.40	21.58	11.87	25.13	115.75	57.17	58.58
	OVX mouse 9	19.16	8.94	15.44	5.78	18.37	22.48	90.17	43.54	46.63
	OVX mouse 10	0.00	1.85	20.34	20.76	27.00	50.15	120.10	22.19	97.91
	OVX mouse 11	22.07	24.17	35.47	47.81	49.94	51.15	230.61	81.71	148.90
	OVX mouse 12	23.12	41.60	49.79	51.80	48.12	51.02	265.45	114.51	150.94
OVX C-1-administered mice	OVX+C-1 mouse 1	2.44	4.76	2.23	2.46	2.67	15.43	29.99	9.43	20.56
	OVX+C-1 mouse 2	4.32	5.40	1.69	7.31	5.15	7.99	31.86	11.41	20.45
	OVX+C-1 mouse 3	5.98	7.18	10.80	22.01	16.14	33.50	95.61	23.96	71.65
	OVX+C-1 mouse 4	5.30	14.16	25.90	32.60	28.71	35.53	142.20	45.36	96.84
	OVX+C-1 mouse 5	12.62	16.82	22.78	19.22	34.28	28.90	134.62	52.22	82.40
	OVX+C-1 mouse 6	2.20	2.45	18.33	14.18	3.28	17.04	57.48	22.98	34.50
	OVX+C-1 mouse 7	4.93	41.71	44.75	53.90	49.83	54.44	249.56	91.39	158.17
	OVX+C-1 mouse 8	2.92	4.95	7.51	28.46	27.51	40.38	111.73	15.38	96.35
	OVX+C-1 mouse 9	16.64	46.23	49.83	51.56	58.62	46.43	269.31	112.70	156.61
	OVX+C-1 mouse 10	0.88	5.89	10.99	7.29	33.45	49.11	107.61	17.76	89.85
	OVX+C-1 mouse 11	11.55	41.15	55.51	50.19	59.48	23.98	241.86	108.21	133.65
	OVX+C-1 mouse 12	3.58	27.99	29.87	26.48	45.49	38.94	172.35	61.44	110.91
OVX E2-administered mice	OVX+E2 mouse 1	0.00	4.63	10.14	8.17	14.85	10.97	48.76	14.77	33.99
	OVX+E2 mouse 2	3.09	4.37	2.26	30.91	19.64	20.38	80.65	9.72	70.93
	OVX+E2 mouse 3	8.01	16.51	19.87	20.78	18.45	22.92	106.54	44.39	62.15
	OVX+E2 mouse 4	5.45	27.08	31.35	29.09	25.13	28.48	146.58	63.88	82.70
	OVX+E2 mouse 5	0.51	5.33	8.70	11.44	20.52	20.36	66.86	14.54	52.32
	OVX+E2 mouse 6	3.57	21.29	23.28	49.90	43.58	27.98	169.60	48.14	121.46
	OVX+E2 mouse 7	3.93	12.57	26.99	49.60	47.92	45.17	186.18	43.49	142.69
	OVX+E2 mouse 8	3.41	3.58	5.22	13.30	8.59	11.93	46.03	12.21	33.82
	OVX+E2 mouse 9	1.59	24.38	26.98	16.50	17.65	8.21	95.31	52.95	42.36
	OVX+E2 mouse 10	12.68	17.12	16.13	19.96	39.21	49.56	154.66	45.93	108.73
	OVX+E2 mouse 11	1.25	12.47	8.53	12.62	15.95	13.51	64.33	22.25	42.08
	OVX+E2 mouse 12	16.06	37.28	34.68	30.39	26.04	53.56	198.01	88.02	109.99