

Table SI. Detailed results for each mouse in the open-field test.

A, Number of crossings					
Mouse	Control	Scopolamine	0.5 mg/kg 6-bro A + scopolamine	1.5 mg/kg 6-bro A + scopolamine	5.0 mg/kg 6-bro A + scopolamine
1	85	36	90	99	103
2	56	40	93	84	118
3	66	56	21	88	83
4	61	77	80	106	52
5	66	143	84	91	67
6	58	104	121	66	92
7	69	89	72	80	91
8	66	87	86	82	82

B, Number of rearings

Mouse	Control	Scopolamine	0.5 mg/kg 6-bro A + scopolamine	1.5 mg/kg 6-bro A + scopolamine	5.0 mg/kg 6-bro A + scopolamine
1	61	59	31	38	57
2	55	43	41	43	28
3	43	30	21	52	32
4	29	52	27	22	35
5	31	38	64	63	54
6	16	44	38	24	46
7	29	50	77	43	29
8	48	28	41	17	48

6-bro A, 6-bromotryptamine A.

Table SII. Detailed results for each mouse in the novel object recognition tests.

Mouse	Control	Scopolamine	0.5 mg/kg 6-bro A + scopolamine	1.5 mg/kg 6-bro A + scopolamine	5.0 mg/kg 6-bro A + scopolamine
A, Day 1 (recognition index)					
1	43.80692	45.17914	48.60028	51.08413	50.50034
2	52.41179	45.98489	53.57143	36.61194	60.0982
3	43.99665	61.67097	40.31791	50.0511	46.52129
4	42.23495	55.97349	44.96392	57.85494	53.97631
5	46.00468	45.4361	56.00919	71.95513	43.95078
6	55.16734	48.93539	58.45411	57.00935	45.45707
7	57.34746	43.92744	49.03117	31.97241	42.67097
8	62.00473	39.11043	43.99038	37.70764	51.6104
B, Day 2 (recognition index)					
1	43.80692	45.17914	48.60028	51.08413	50.50034
1	63.03154	55.98686	68.07797	74.19107	54.79557
2	65.097	48.6711	39.30818	64.44291	58.0982
3	58.96672	45.94271	57.57576	67.80019	81.86404
4	66.42027	51.77305	61.39397	56.56371	78.56342
5	60.01087	64.28571	65.8503	59.87495	56.4006
6	66.44482	47.22357	58.53614	66.36109	58.09576
7	70.05095	52.79105	71.10147	64.35644	67.1671
8	73.93404	49.82826	57.79363	59.39344	58.33206
6-bro A, 6-bromotryptamine A.					

Table SIII. Detailed results for each mouse in Morris water maze tests.

A, Escape latency in 4 days of training (sec)								
Mice	Training day							
	1	2	3	4	5	6	7	8
Control group								
1	73	90	60	72	59	76	68	66.24
2	44	73	61	39.36	53.12	40	75	80
3	76	56.36	33	59.79	26.67	41.08	63	64
4	27	46.77	48.27	60.52	18.44	40	34	30.32
Scopolamine group								
1	85	59	90	51	90	82	70	55
2	72	39	90	90	90	52.4	71	61
3	50.03	90	30.75	90	57.78	90	39.02	90
4	22.67	79.05	21.96	90	42.61	90	62.04	90
0.5 mg/kg 6-bro A + Scopolamine								
1	90	90	56	90	88	90	39.76	52
2	74	90	90	90	8.52	90	11.08	90
3	54	90	57.96	72.72	25.84	49	90	90
4	14.48	65.8	90	90	30	90	19.68	78
1.5 mg/kg 6-bro A + Scopolamine								
1	90	22.8	90	90	60.72	90	51.04	64.04
2	82	90	90	62	22	68.6	41.96	60.16
3	47	53	90	64	13	23	90	90
4	90	35	15.12	13	19.12	90	90	76.92
5.0 mg/kg 6-bro A + Scopolamine								
1	90	30	84	31	90	90	71	66
2	69	87.4	82	34	57	90	34	41
3	90	50.55	77	53.76	46.56	49	52	44
4	90	66	70	35.81	57.47	74	57	28

B, Swimming time in the target quadrant in day 5 (sec)

Mouse	Control	Scopolamine	0.5 mg/kg 6-bro A + Scopolamine	1.5 mg/kg 6-bro A + Scopolamine	5.0 mg/kg 6-bro A + Scopolamine
1	22.72	22.72	26.68	29.96	31.6
2	38.8	18.36	27.36	31.4	23
3	26.68	16.12	16.04	28.4	27.24
4	33.28	21.68	27.28	23.56	36.6
5	24.92	17.64	25.8	22.24	24.6
6	30.48	19.32	23.8	30.08	27.2
7	29.64	21.44	27	22.46	36.2
8	24.48	20.68	21.2	23.48	23.72

6-bro A: 6-bromotryptamine A.