

FIGURE 1

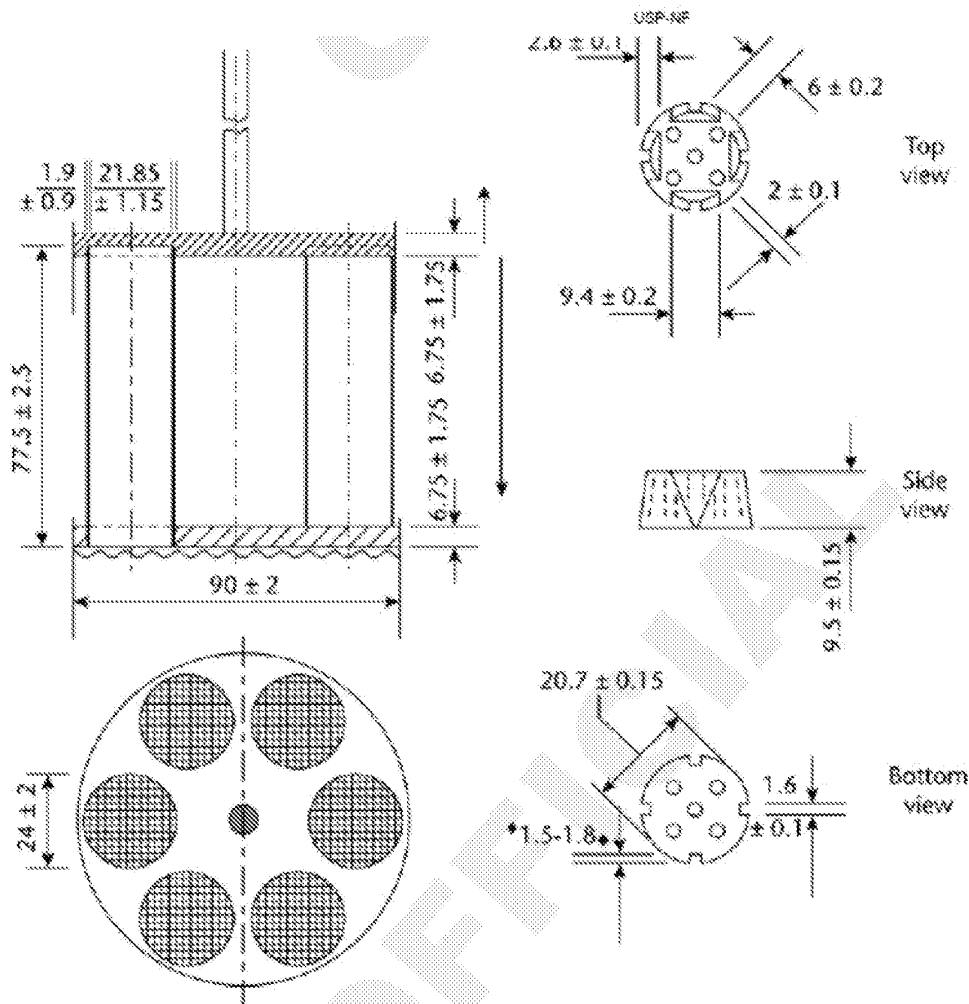


FIGURE 2

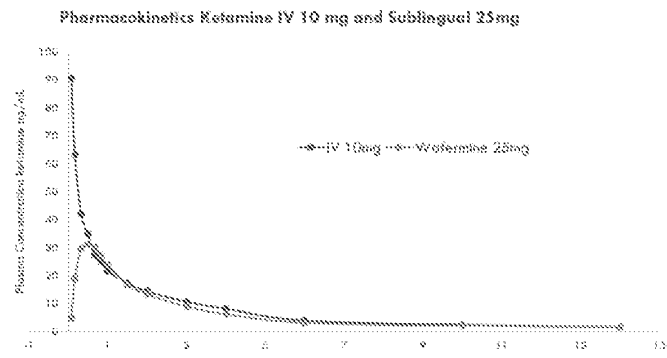


FIGURE 3

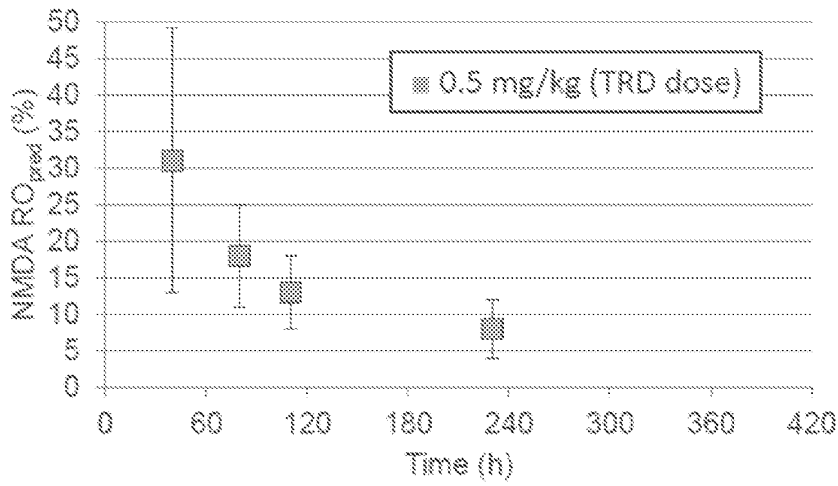


FIGURE 4

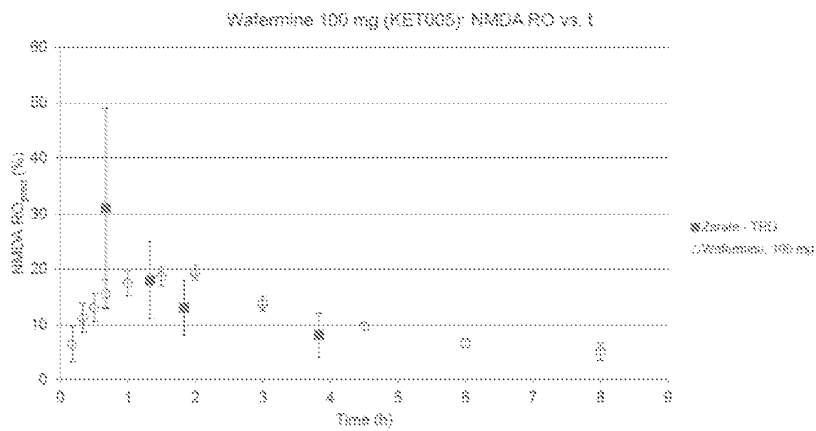


FIGURE 5

Dose, Time	Ketamine concentration (ng/mL)		Norketamine concentration (ng/mL)	
	Mean	SD	Mean	SD
50 mg				
10 min	21.62	18.55	1.96	3.4
20 min	52.54	36.45	21.39	27.1
30 min	67.05	35.42	62.11	61.3
40 min	65.89	28.51	105.80	81.1
50 min	58.72	22.56	137.29	83.7
1 h	51.31	18.82	153.43	76.9
1.5 h	36.19	12.87	150.14	53.2
2 h	27.99	9.89	127.72	42.6
3 h	18.63	6.73	91.02	31.8
4.5 h	11.13	4.44	60.71	23.0
6 h	7.23	3.18	45.04	18.2
8 h	4.67	2.17	33.15	14.0
75 mg				
10 min	21.63	18.57	1.96	3.4
20 min	55.63	40.75	21.57	27.6
30 min	81.65	49.87	65.51	67.5
40 min	92.03	44.99	121.37	102.1
50 min	90.40	37.88	171.99	117.3
1 h	82.61	32.07	207.59	116.2
1.5 h	58.56	21.41	228.32	85.0
2 h	44.41	15.92	198.55	66.3
3 h	29.15	10.54	141.39	49.2
4.5 h	17.29	6.86	93.41	35.3
6 h	11.16	4.88	68.86	27.7
8 h	7.14	3.32	50.46	21.3
100 mg				
10 min	21.63	18.57	1.96	3.4
20 min	56.07	41.34	21.59	27.6
30 min	86.55	56.56	66.26	69.4
40 min	106.09	59.12	126.28	110.4
50 min	112.82	52.39	188.09	138.3
1 h	110.48	45.12	239.64	147.6
1.5 h	84.15	31.57	300.05	119.7
2 h	63.14	23.30	272.85	91.9
3 h	40.64	14.79	195.49	67.7
4.5 h	23.91	9.45	127.93	48.1
6 h	15.33	6.68	93.65	37.6
8 h	9.72	4.52	68.30	28.8

SD: standard deviation. Time: time after dose.

FIGURE 6

Dose, Time	Ketamine concentration (ng/mL)		Norketamine concentration (ng/mL)	
	Mean	SD	Mean	SD
125 mg				
10 min	21.6	18.57	1.96	3.4
20 min	56.1	41.42	21.59	27.6
30 min	88.0	58.75	66.42	69.8
40 min	112.3	67.21	127.96	114.4
50 min	126.5	65.92	194.57	148.5
1 h	130.5	58.44	256.54	168.6
1.5 h	111.0	42.23	357.31	153.8
2 h	84.4	32.04	347.11	119.6
3 h	53.3	19.68	253.55	87.3
4.5 h	31.0	12.25	164.49	61.7
6 h	19.8	8.59	119.50	47.9
8 h	12.4	5.77	86.71	36.5
150 mg				
10 min	21.6	18.57	1.96	3.4
20 min	56.1	41.42	21.59	27.6
30 min	88.4	59.31	66.44	69.9
40 min	115.0	71.26	128.56	116.1
50 min	133.6	74.87	197.39	154.5
1 h	143.8	71.30	264.52	180.2
1.5 h	135.4	51.69	399.15	185.6
2 h	107.6	41.67	415.17	149.0
3 h	67.5	25.59	315.42	107.5
4.5 h	38.7	15.32	203.35	76.1
6 h	24.5	10.62	146.53	58.6
8 h	15.3	7.08	105.72	44.5
175 mg				
10 min	21.6	18.57	1.96	3.4
20 min	56.1	41.42	21.59	27.6
30 min	88.5	59.48	66.44	69.9
40 min	116.1	72.90	128.73	116.6
50 min	137.5	80.33	198.72	158.2
1 h	151.7	80.75	268.56	188.0
1.5 h	155.3	60.95	428.54	213.7
2 h	130.9	50.05	472.91	178.0
3 h	83.3	32.67	380.66	128.9
4.5 h	47.1	18.74	244.77	91.6
6 h	29.6	12.81	174.86	69.8
8 h	18.2	8.47	125.37	52.7
200 mg				
10 min	21.6	18.57	1.96	3.4
20 min	56.1	41.42	21.59	27.6
30 min	88.5	59.50	66.44	69.9
40 min	116.5	73.48	128.77	116.8
50 min	139.4	83.13	199.28	159.8
1 h	156.3	86.91	270.82	193.6
1.5 h	171.7	72.52	447.68	234.0
2 h	152.6	57.67	519.52	206.4
3 h	100.5	40.13	447.14	150.8
4.5 h	56.3	22.64	288.92	107.9
6 h	35.0	15.19	204.66	81.6
8 h	21.4	9.93	145.72	61.2

SD: standard deviation. Time: time after dose.

FIGURE 7

Dose, Time	Ketamine concentration (ng/mL)		Norketamine concentration (ng/mL)	
	Mean	SD	Mean	SD
225 mg				
10 min	21.6	18.6	1.96	3.4
20 min	56.1	41.4	21.59	27.6
30 min	88.5	59.5	66.44	69.9
40 min	116.6	73.7	128.77	116.8
50 min	140.2	84.6	199.47	160.5
1 h	159.1	91.0	272.00	197.0
1.5 h	184.0	83.3	459.51	247.9
2 h	171.3	64.3	556.64	235.3
3 h	119.1	48.5	511.78	173.2
4.5 h	66.3	27.3	335.77	124.5
6 h	40.9	17.8	236.11	94.3
8 h	24.7	11.5	166.84	70.1
250 mg				
10 min	21.6	18.6	1.96	3.4
20 min	56.1	41.4	21.59	27.6
30 min	88.5	59.5	66.44	69.9
40 min	116.6	73.8	128.77	116.8
50 min	140.6	85.2	199.54	160.7
1 h	160.6	93.3	272.54	198.7
1.5 h	192.8	92.9	466.99	258.7
2 h	187.7	73.0	585.22	260.7
3 h	138.1	55.5	572.77	196.3
4.5 h	77.5	33.0	385.43	141.6
6 h	47.2	20.7	269.39	107.8
8 h	28.2	13.2	188.78	79.3
275 mg				
10 min	21.6	18.6	1.96	3.4
20 min	56.1	41.4	21.59	27.6
30 min	88.5	59.5	66.44	69.9
40 min	116.6	73.8	128.77	116.8
50 min	140.8	85.5	199.55	160.8
1 h	161.3	94.7	272.77	199.6
1.5 h	198.8	99.9	472.14	268.0
2 h	202.0	82.9	605.92	280.1
3 h	156.9	61.9	627.79	218.0
4.5 h	89.5	38.9	438.12	160.0
6 h	54.1	24.0	304.63	122.2
8 h	31.9	15.0	211.64	89.0

SD: standard deviation. Time: time after dose.

FIGURE 8

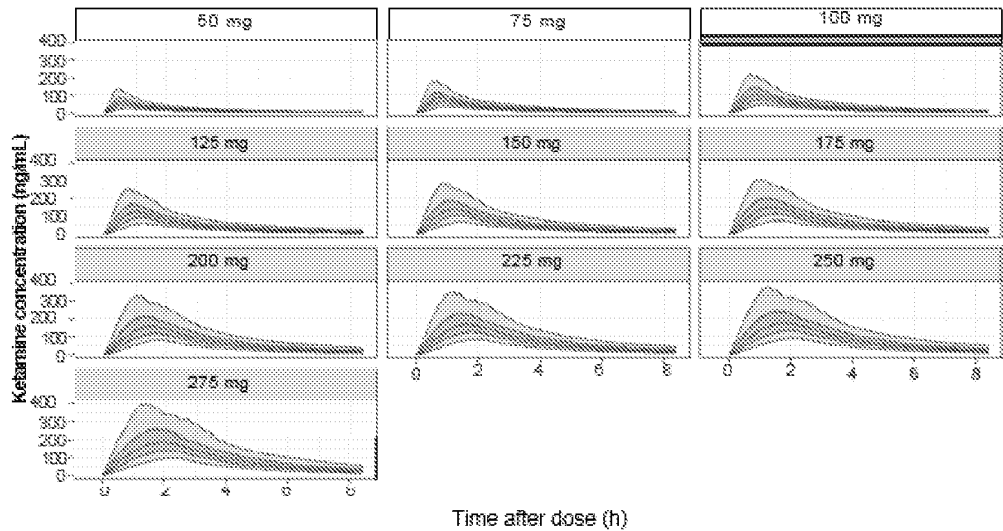


FIGURE 9

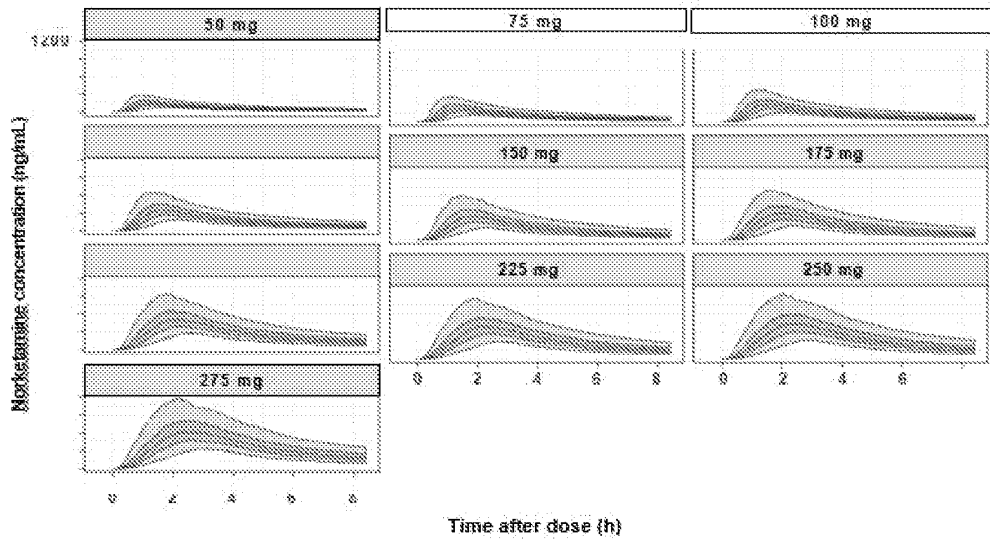


FIGURE 10

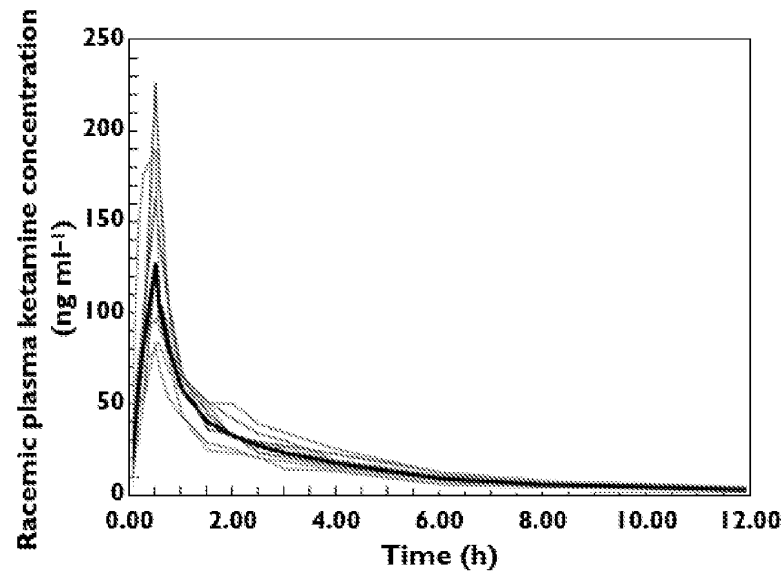


FIGURE 11

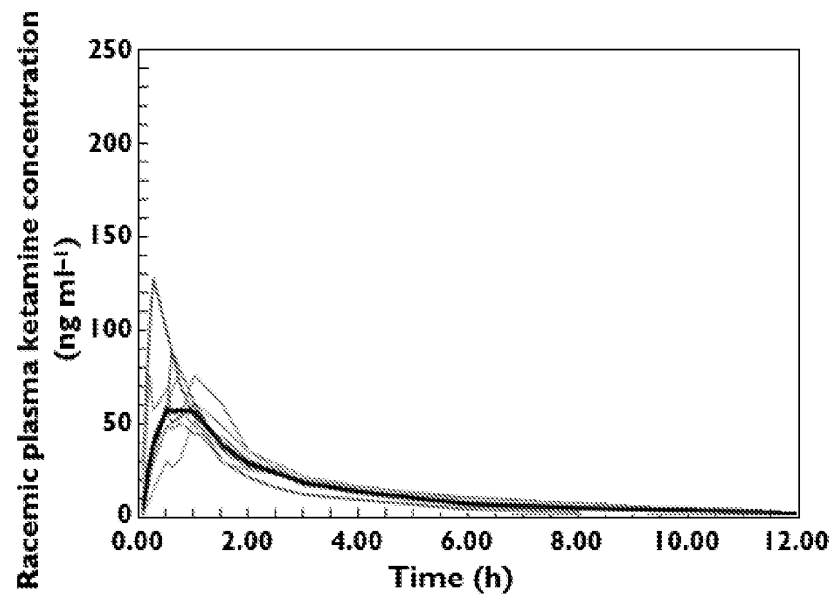


FIGURE 12

