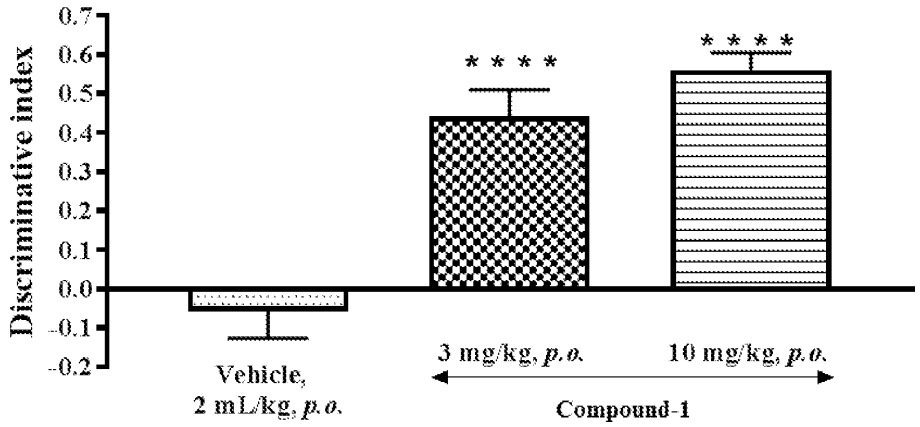
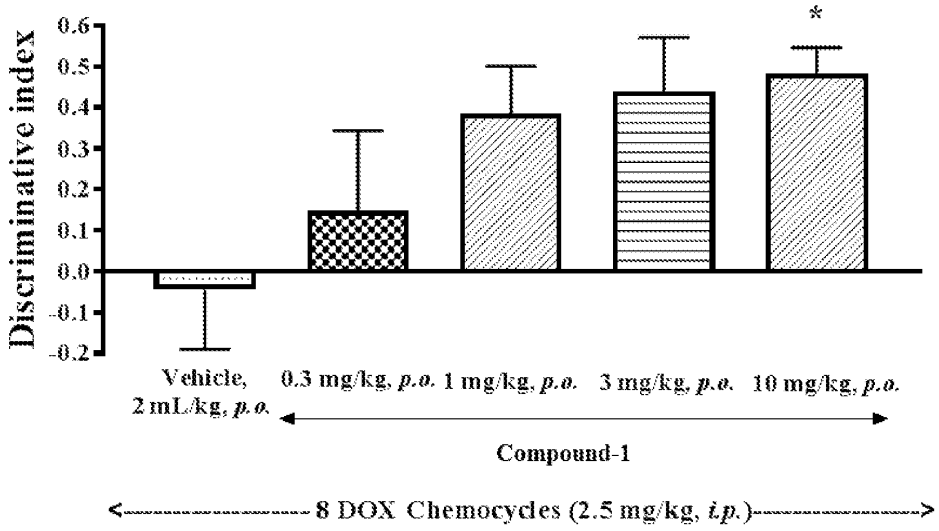
Figure 1



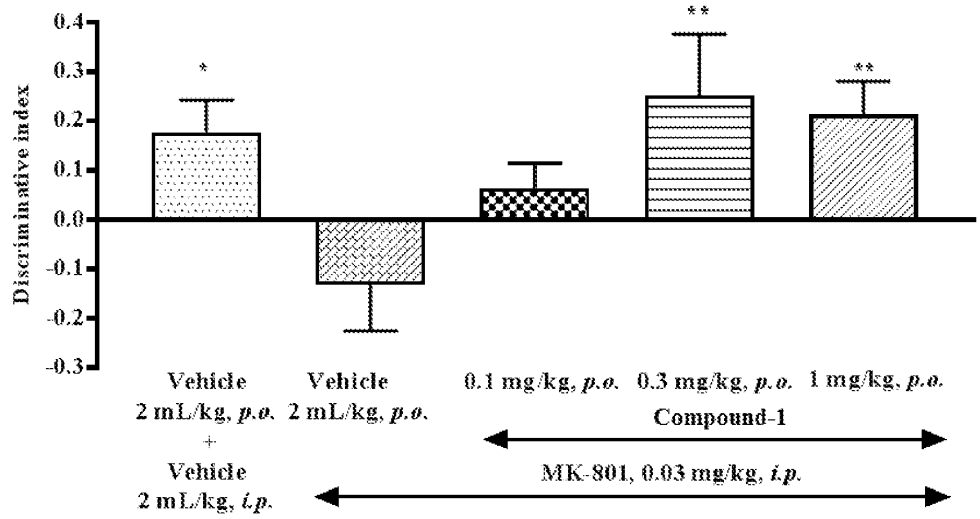
Data represents Mean ± SEM of discriminative index. ****p<0.0001 vs. vehicle group (One-way ANOVA followed by Bonferroni's posthoc test) n= 12.

Figure 2



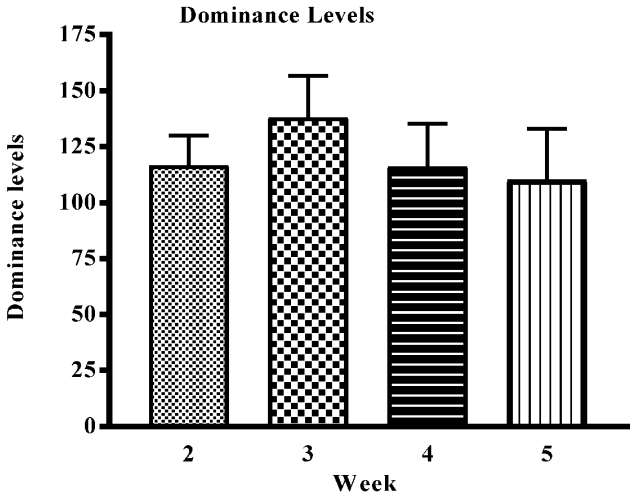
Data represents Mean ± SEM of discriminative index. *p<0.05 vs. vehicle (One-way ANOVA followed by Bonferroni's posthoc test), n=6-9.

Figure 3

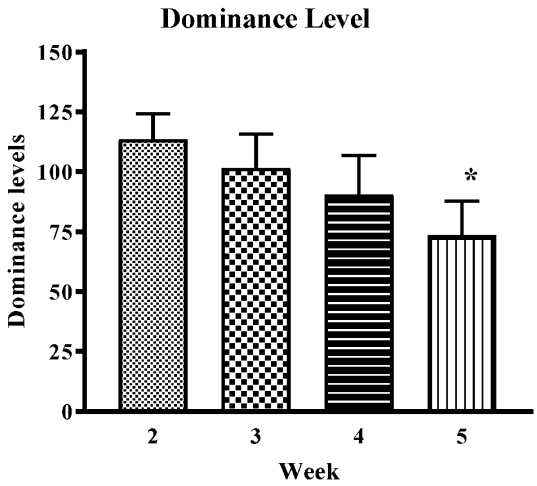


Data represents Mean ± SEM of discriminative index. *p<0.05, **p<0.01 vs. MK-801 (One-way ANOVA followed by Dunnett's multiple comparison test) n=7-11.

Figure 4



Vehicle, 4 mL/kg, *p.o.*

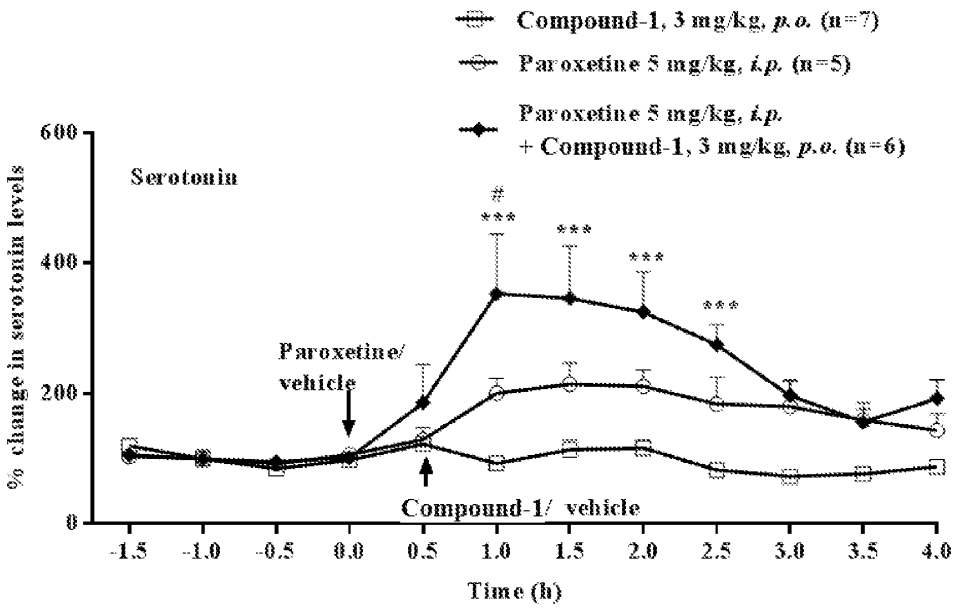


Compound-1, 3 mg/kg, *p.o.*

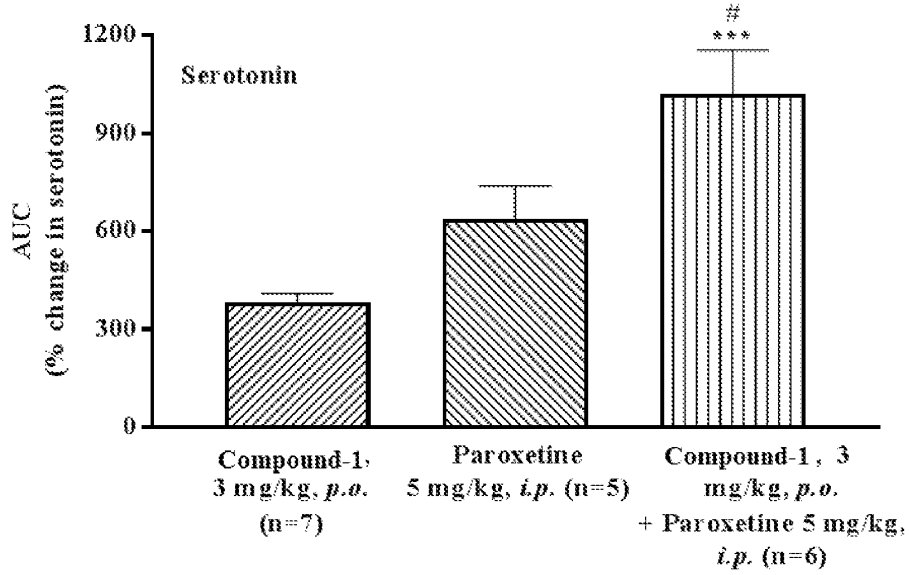
Data represents Mean ± SEM of Dominance levels (Repeated measures ANOVA followed by Tukey's multiple comparison test), *p<0.05, vs 2nd week, n=10.

Figure 5

Percent change from mean basal value.

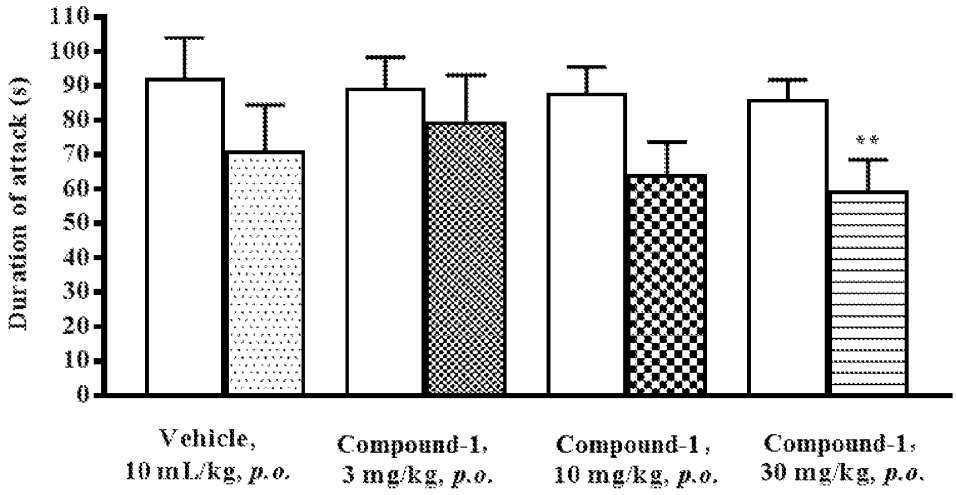


Area under the curve (AUC) values for change in serotonin.



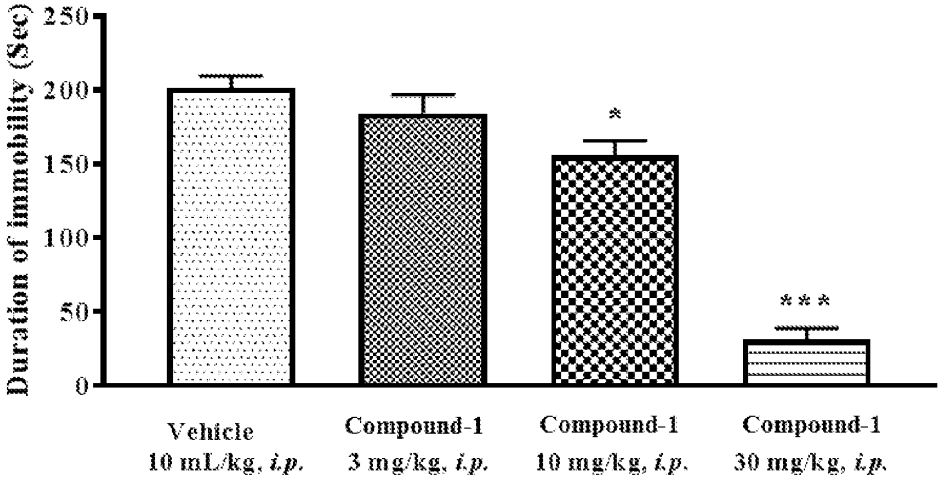
Data expressed as Mean ± SEM. ***p<0.001 Vs Compound-1, $^{\#}p$<0.05 Vs paroxetine.

Figure 6



Data represents Mean ± SEM of duration of attack, Student's paired t-test, **p<0.01 vs basal, n=12.

Figure 7



Data represents Mean ± SEM of duration of immobility (s), *p<0.05, ****p<0.0001 vs. vehicle one-way ANOVA followed by Dunnett's multiple comparisons test, n=10.