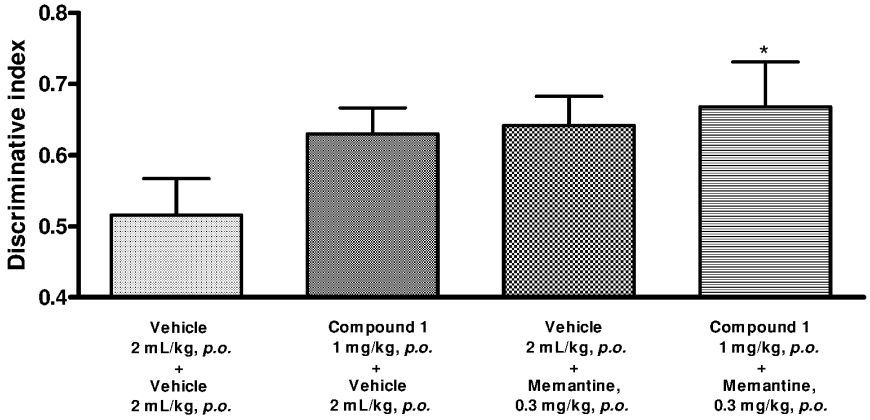
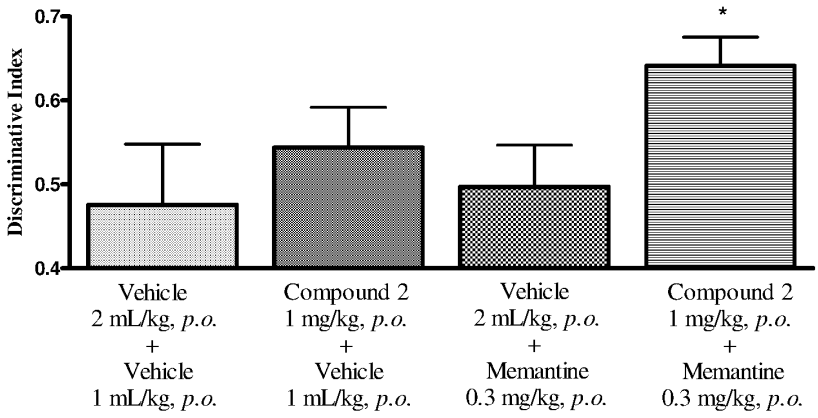
Figure 1a



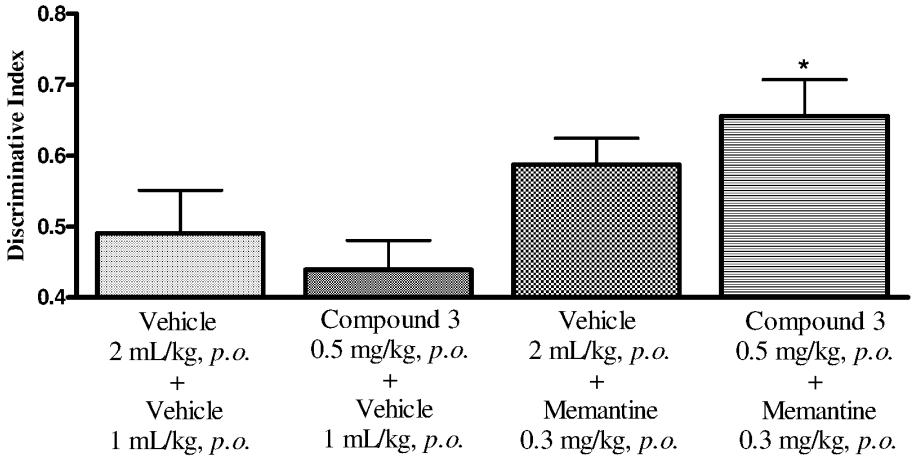
Data represents Mean ± SEM of discriminative index. *p<0.05 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) N=8-11

Figure 1b



Data represents Mean ± SEM of discriminative index. *p<0.05 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) N=6-11

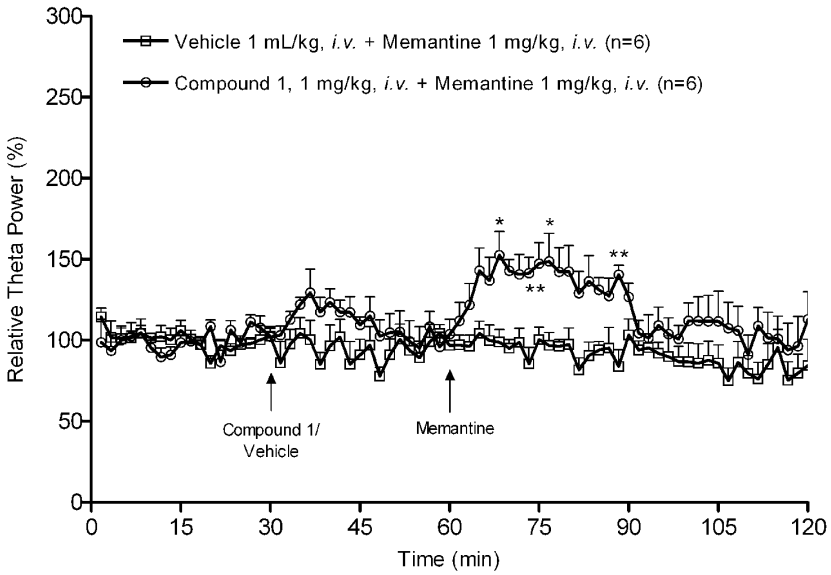
Figure 1c



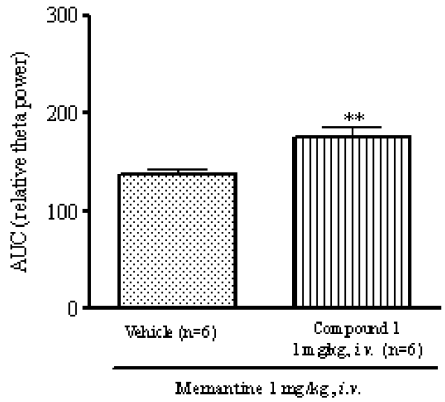
Data represents Mean ± SEM of discriminative index. *p<0.05 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) N=9-11

Figure 2

(a)



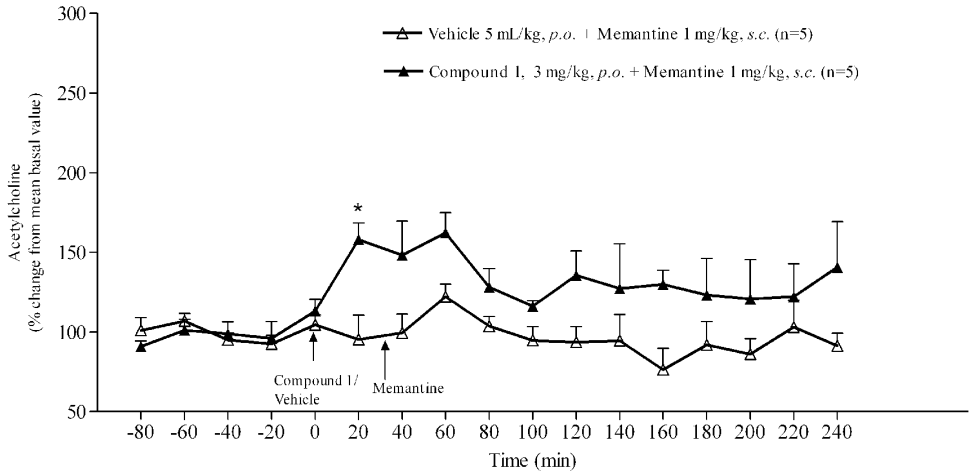
(b)



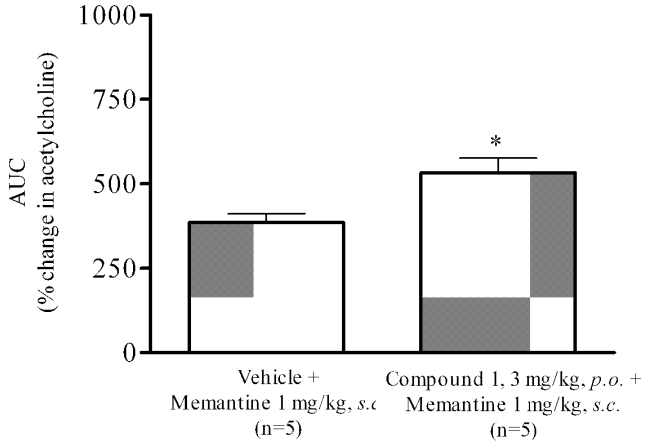
(a) Data expressed as Mean ± SEM. *p<0.05, **p<0.01 Vs memantine alone (Bonferroni post test) (b) Area under the curve value ± SEM. **p<0.01 Vs memantine alone (Unpaired t test)

Figure 3

(a)



(b)



(a) Percent change from mean basal levels expressed as Mean ± SEM. *p<0.05 Vs memantine alone (Bonferroni posttest). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. *p<0.05 (Dunnett's Multiple Comparison Test).