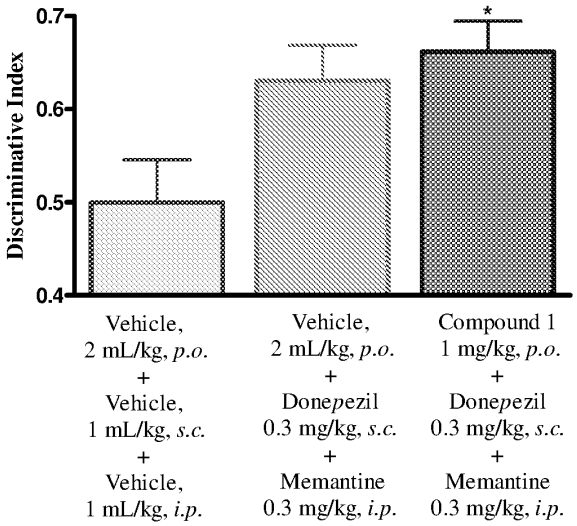
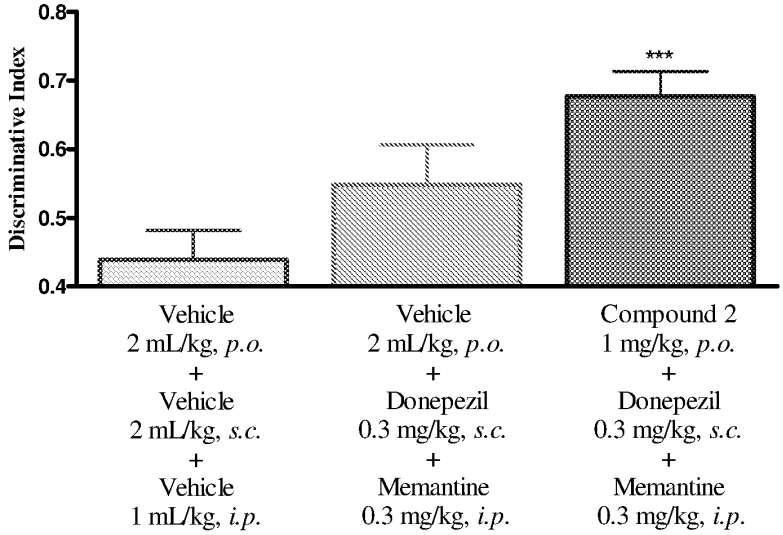
Figure 1a



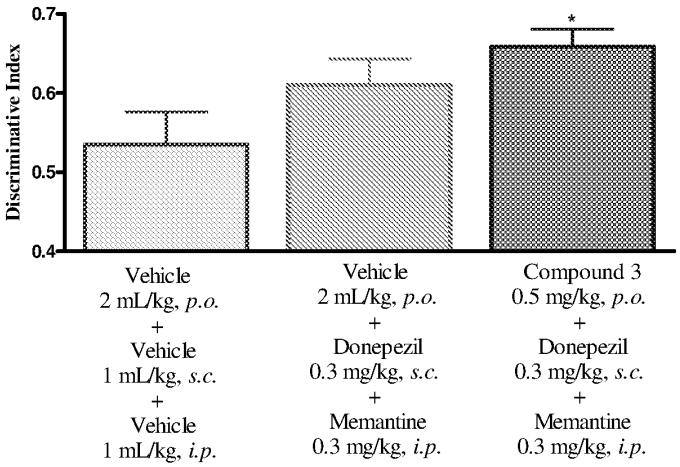
Data represents Mean ± SEM of discriminative index. *p<0.05 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) N=11-12

Figure 1b



Data represents Mean ± SEM of discriminative index. ***p<0.001 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) N=11-14

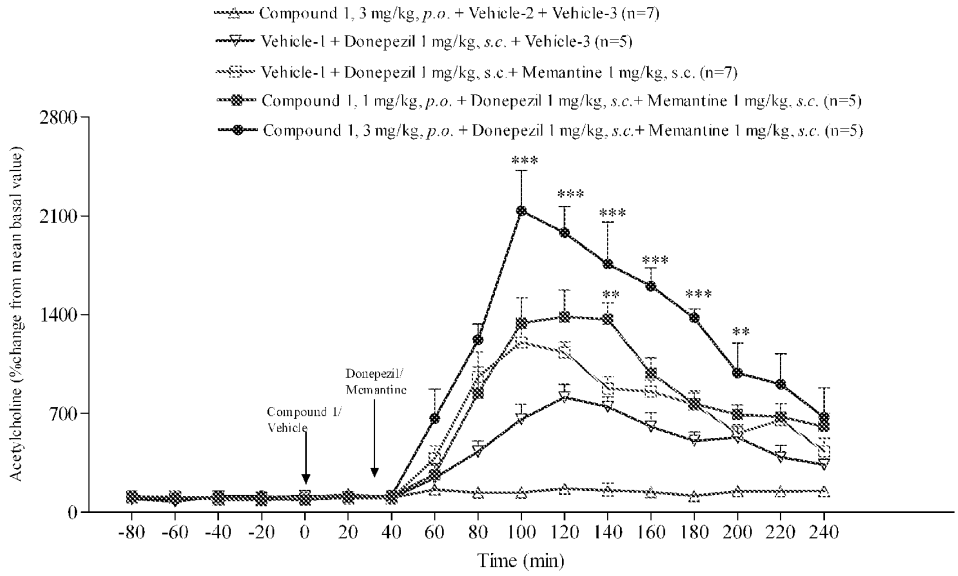
Figure 1c



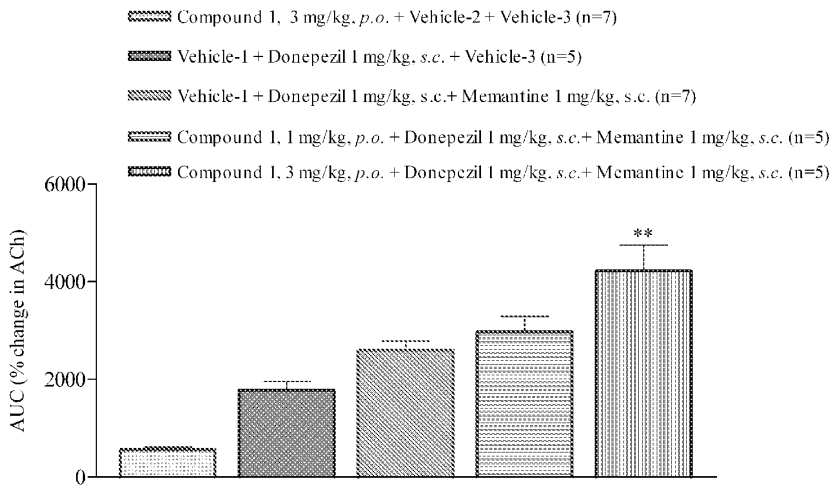
Data represents Mean ± SEM of discriminative index. *p<0.05 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) N=17-21

Figure 2

(a)



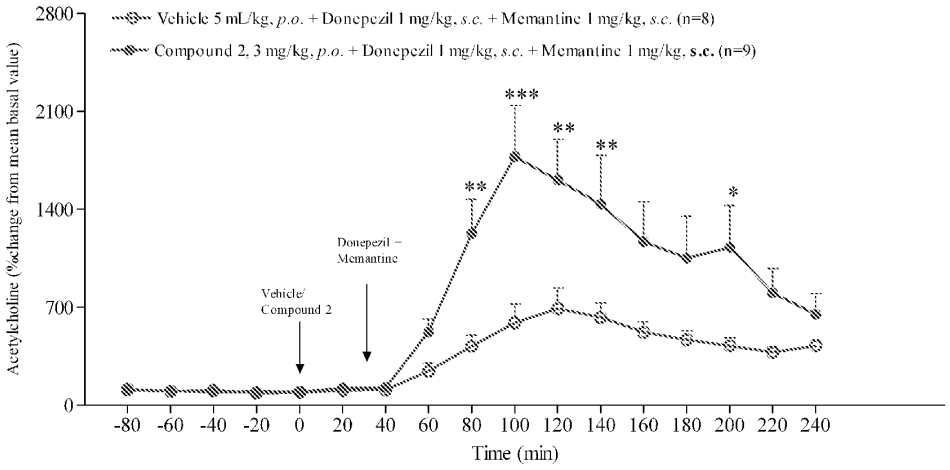
(b)



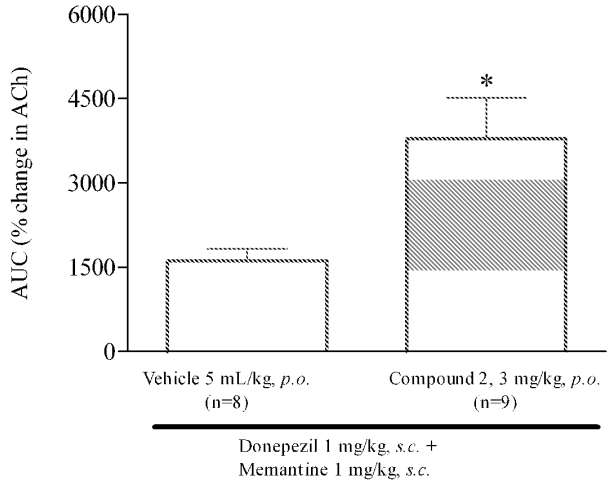
(a) Percent change from mean basal levels expressed as Mean ± SEM. $^{**}p<0.01$, $^{***}p<0.001$ Vs donepezil + memantine combination (Bonferroni post test). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. $^{**}p<0.01$ (Dunnett's Multiple Comparison Test).

Figure 3

(a)



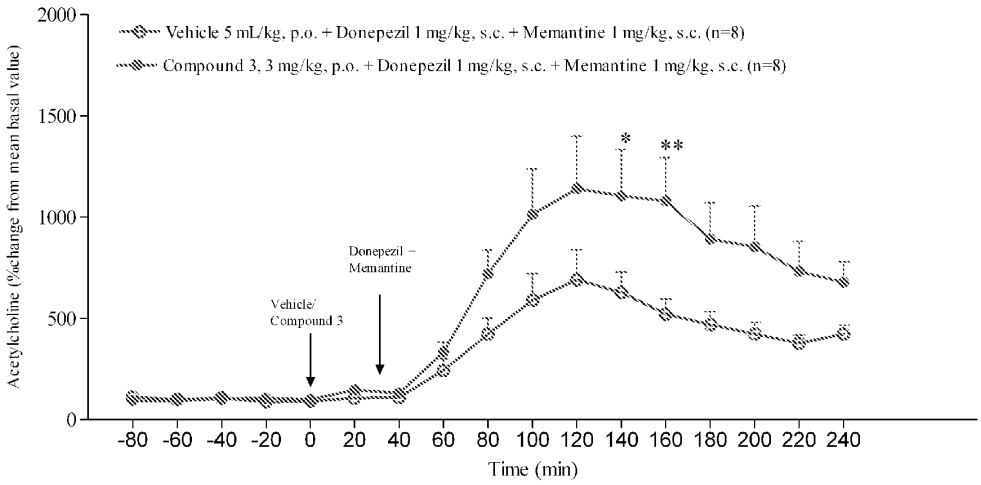
(b)



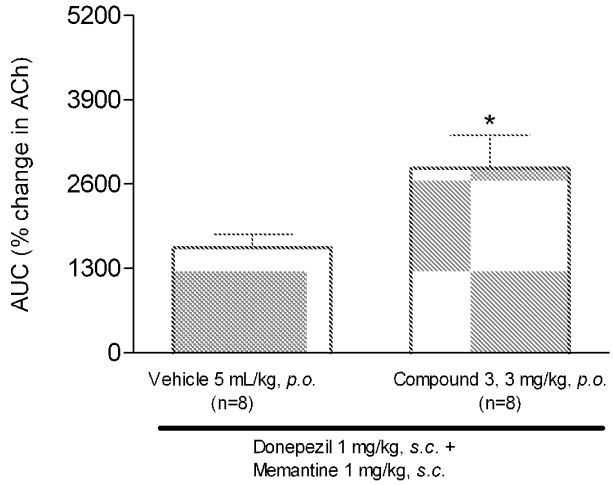
(a) Percent change from mean basal levels expressed as Mean ± SEM. *p<0.05, **p<0.01, ***p<0.001 Vs donepezil + memantine combination (Bonferroni post test). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. *p<0.05 (Dunnett's Multiple Comparison Test).

Figure 4

(a)



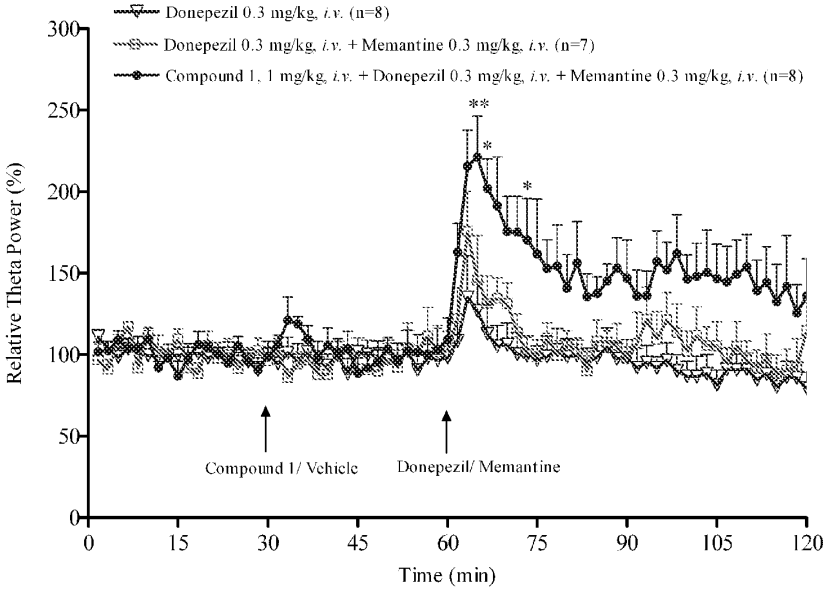
(b)



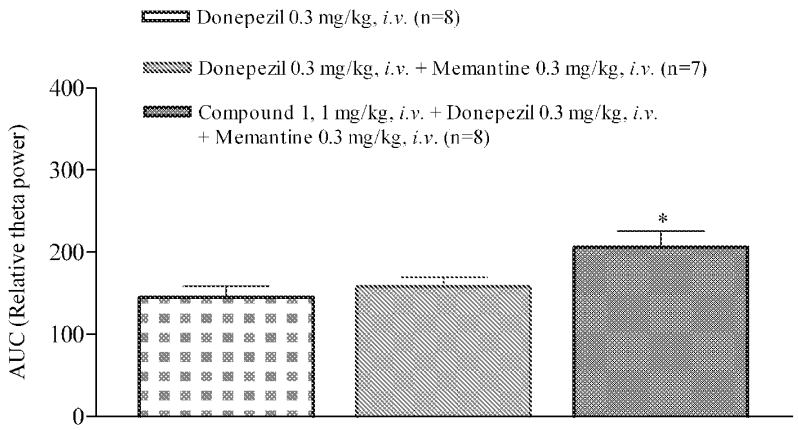
(a) Percent change from mean basal levels expressed as Mean ± SEM. *p<0.05, **p<0.01, Vs donepezil + memantine combination (Bonferroni post test). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. *p<0.05 (Dunnett's Multiple Comparison Test).

Figure 5

(a)



(b)



(a) Data expressed as Mean ± SEM. *$p<0.05$, **$p<0.01$ Vs donepezil and memantine combination (Bonferroni post test) (b) Area under the curve value ± SEM. *$p<0.05$ Vs donepezil + memantine combination (Dunnett's post test)