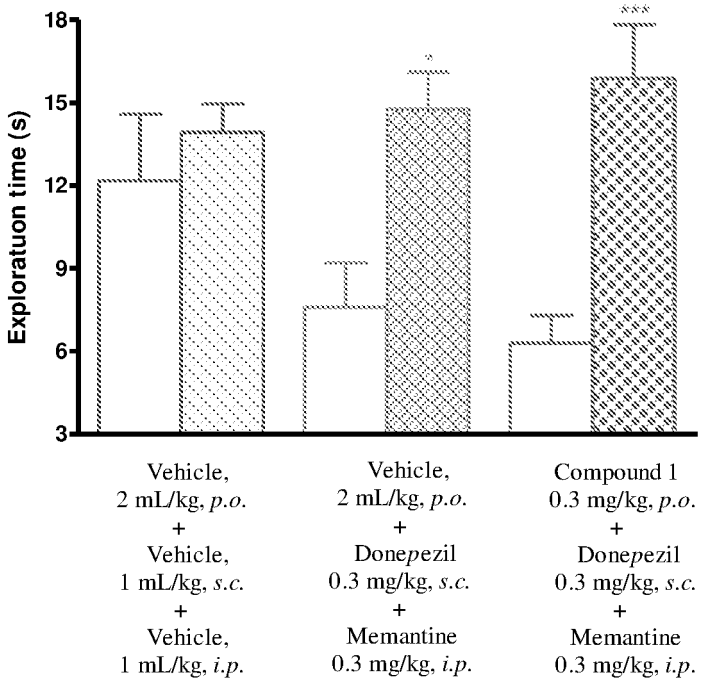
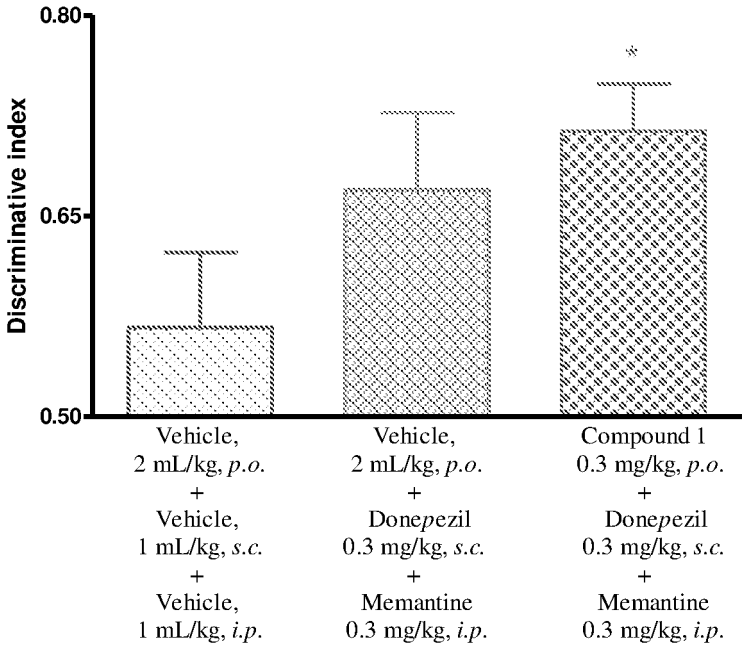
Figure 1a

A)



Data represents Mean ± SEM of Exploration Time. *P<0.05, ***P<0.001 Vs vehicle (Students paired 't' test) n = 6-9

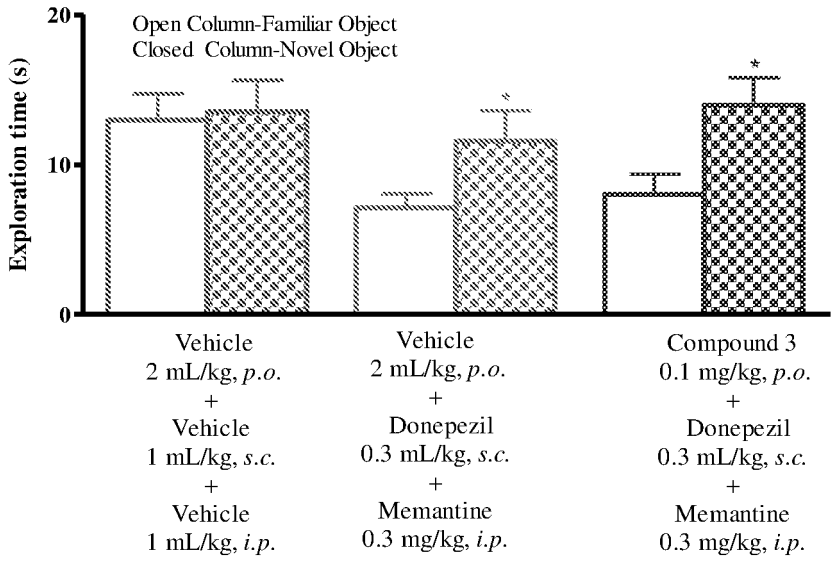
B)



Data represents Mean ± SEM of discriminative index. *p<0.05 Vs vehicle (Kruskal-Wallis followed by Dunn's Multiple Comparison Test) n = 6-9

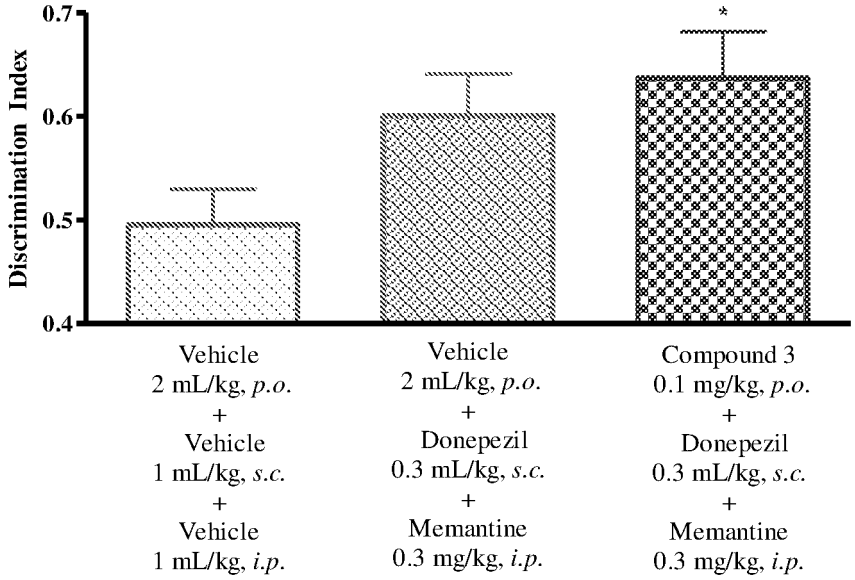
Figure 1b

A)



Data represents Mean ± SEM of Exploration Time. *P<0.05 vs vehicle (Students paired 't' test) n = 7-11

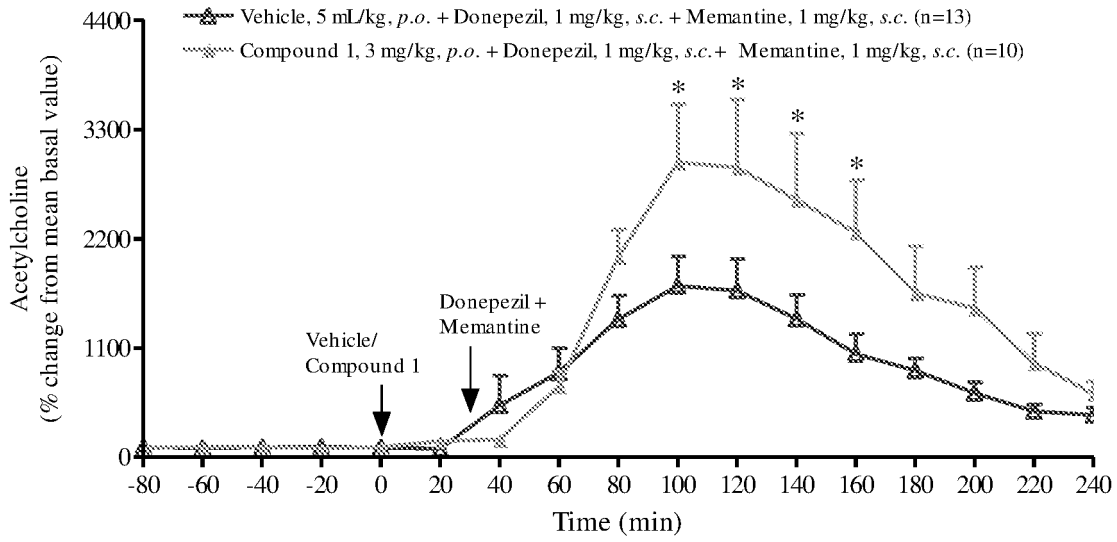
B)



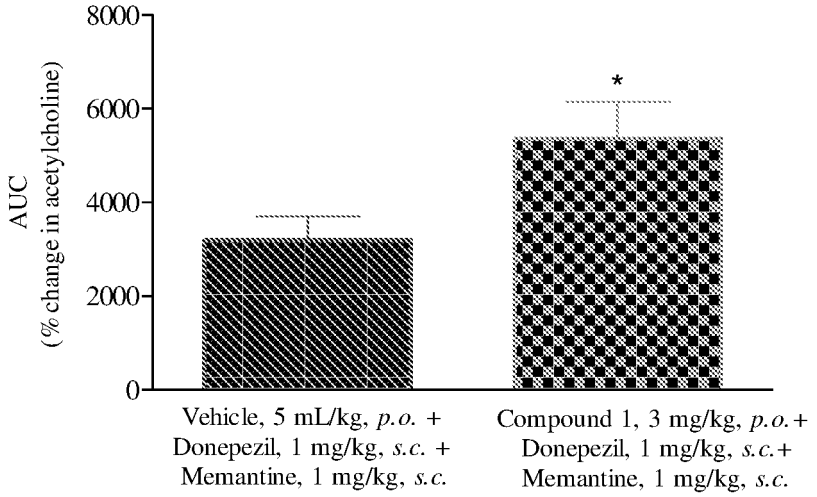
Data represents Mean ± SEM of Discriminative Index. *P<0.05 vs vehicle (One way ANOVA followed by Bonferroni's test) n = 7-11

Figure 2

(a)



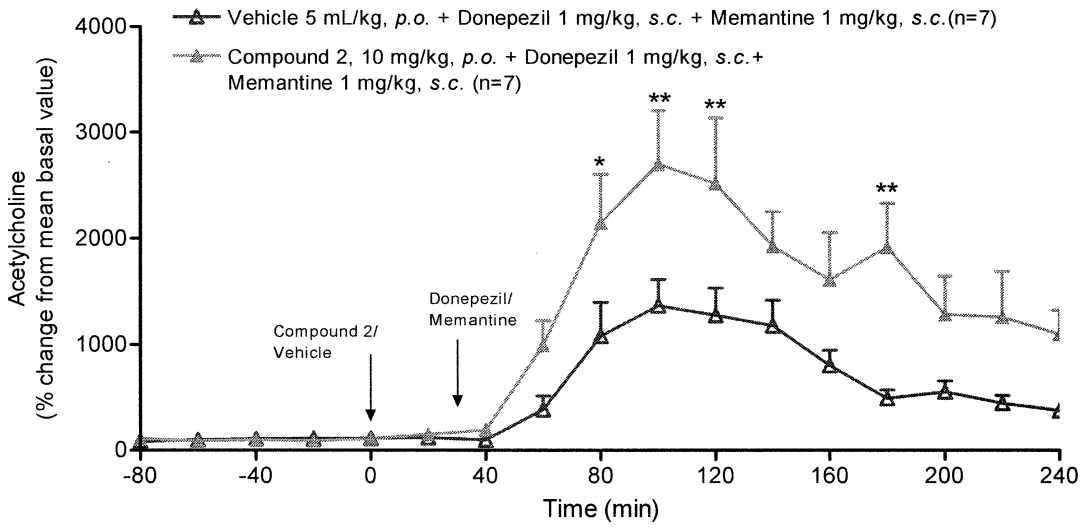
(b)



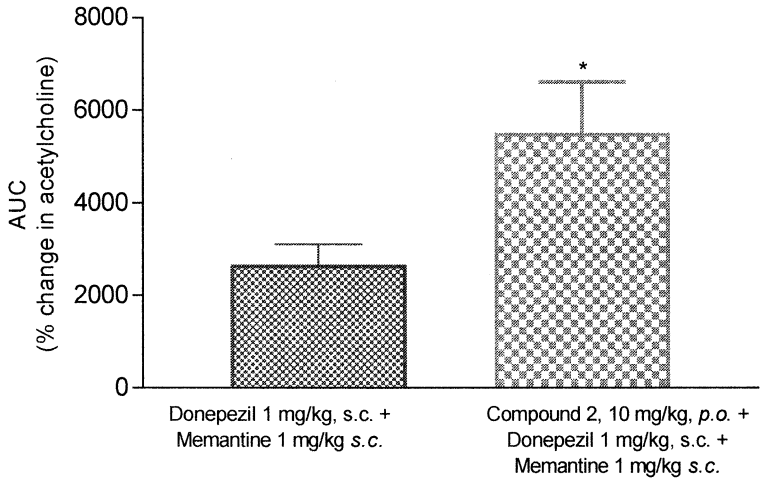
(a) Percent change from mean basal levels expressed as Mean ± SEM. *p<0.05 Vs Donepezil + Memantine combination (Bonferroni's posttest). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. *p<0.05 Vs Donepezil + Memantine combination (Unpaired t Test).

Figure 3

(a)



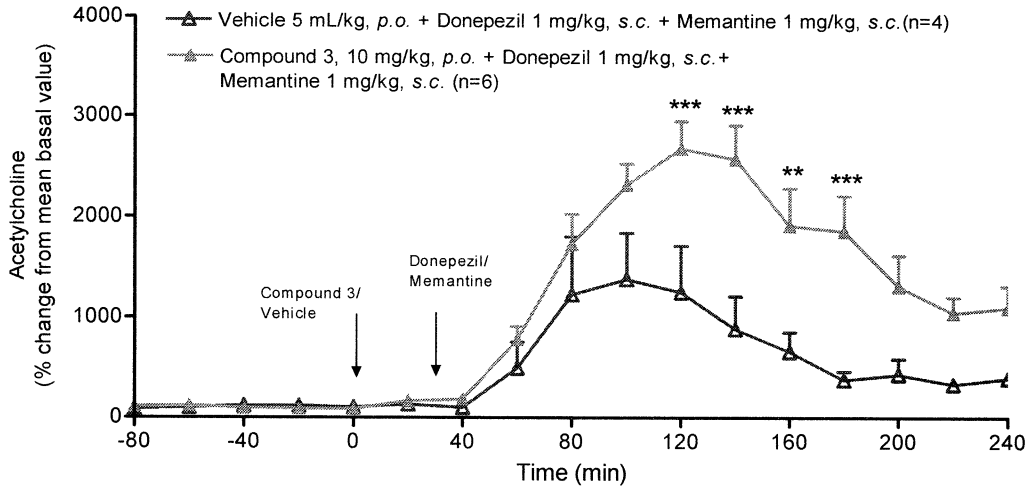
(b)



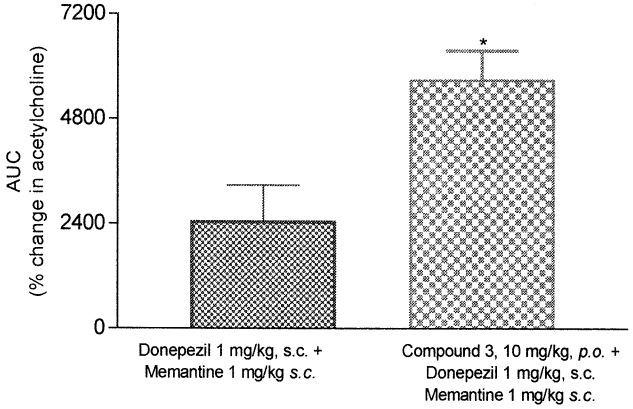
(a) Percent change from mean basal levels expressed as Mean ± SEM. *$p<0.05$, **$p<0.01$, Vs donepezil + memantine combination (Bonferroni post test). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. *$p<0.05$ (Unpaired t Test).

Figure 4:

(a)



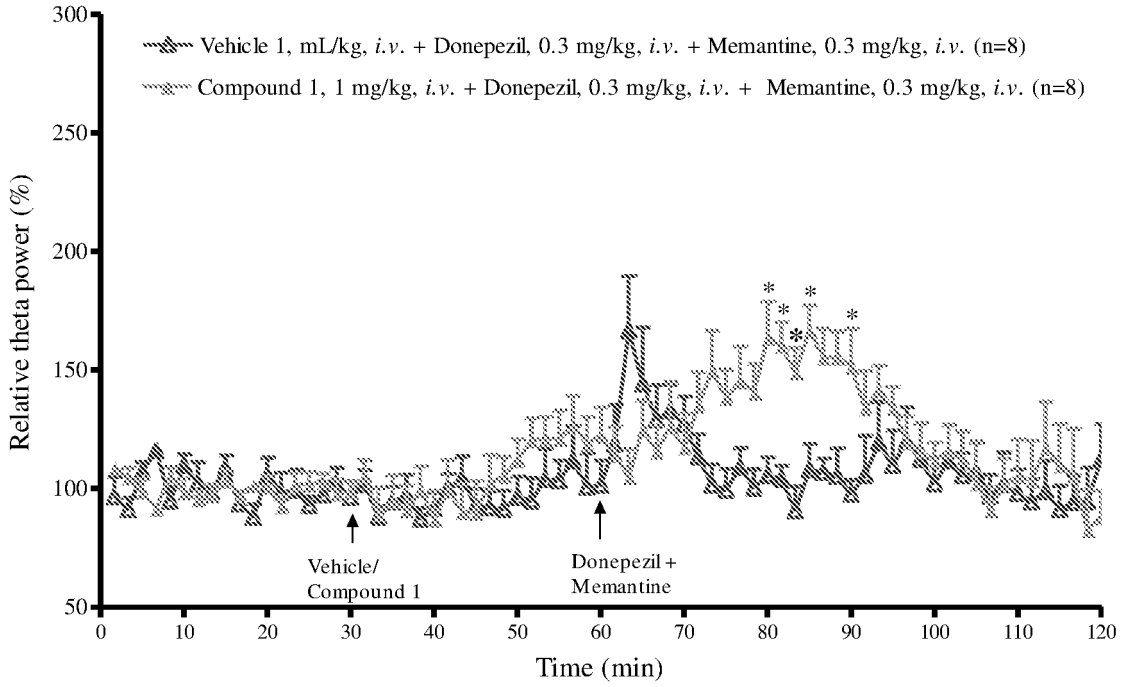
(b)



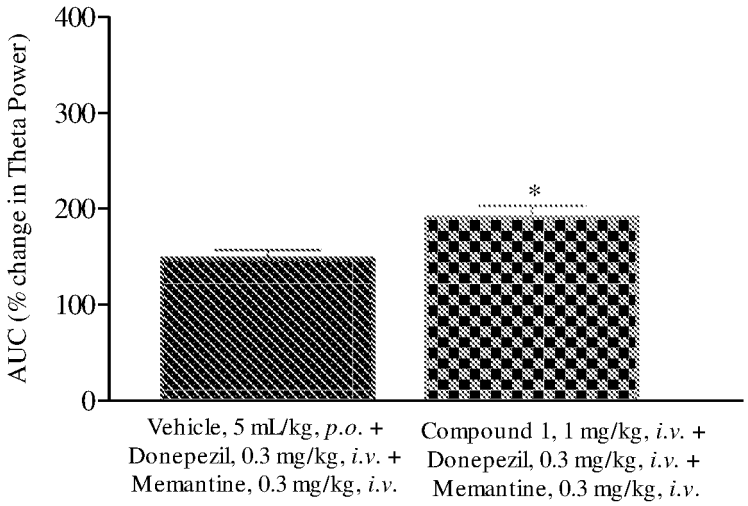
(a) Percent change from mean basal levels expressed as Mean ± SEM. $^{**}p<0.01$, $^{***}p<0.001$ Vs donepezil + memantine combination (Bonferroni post test). (b) Cumulative changes in acetylcholine levels expressed as mean area under the curve (AUC) ± S.E.M. $^{*}p<0.05$ (Unpaired t Test).

Figure 5

(a)



(b)



(a) Data expressed as Mean ± SEM. *$p<0.05$ Vs Donepezil and Memantine combination (Bonferroni's posttest) (b) Area under the curve value ± SEM. *$p<0.05$ Vs Donepezil and Memantine combination (unpaired t test).