Figure 1A

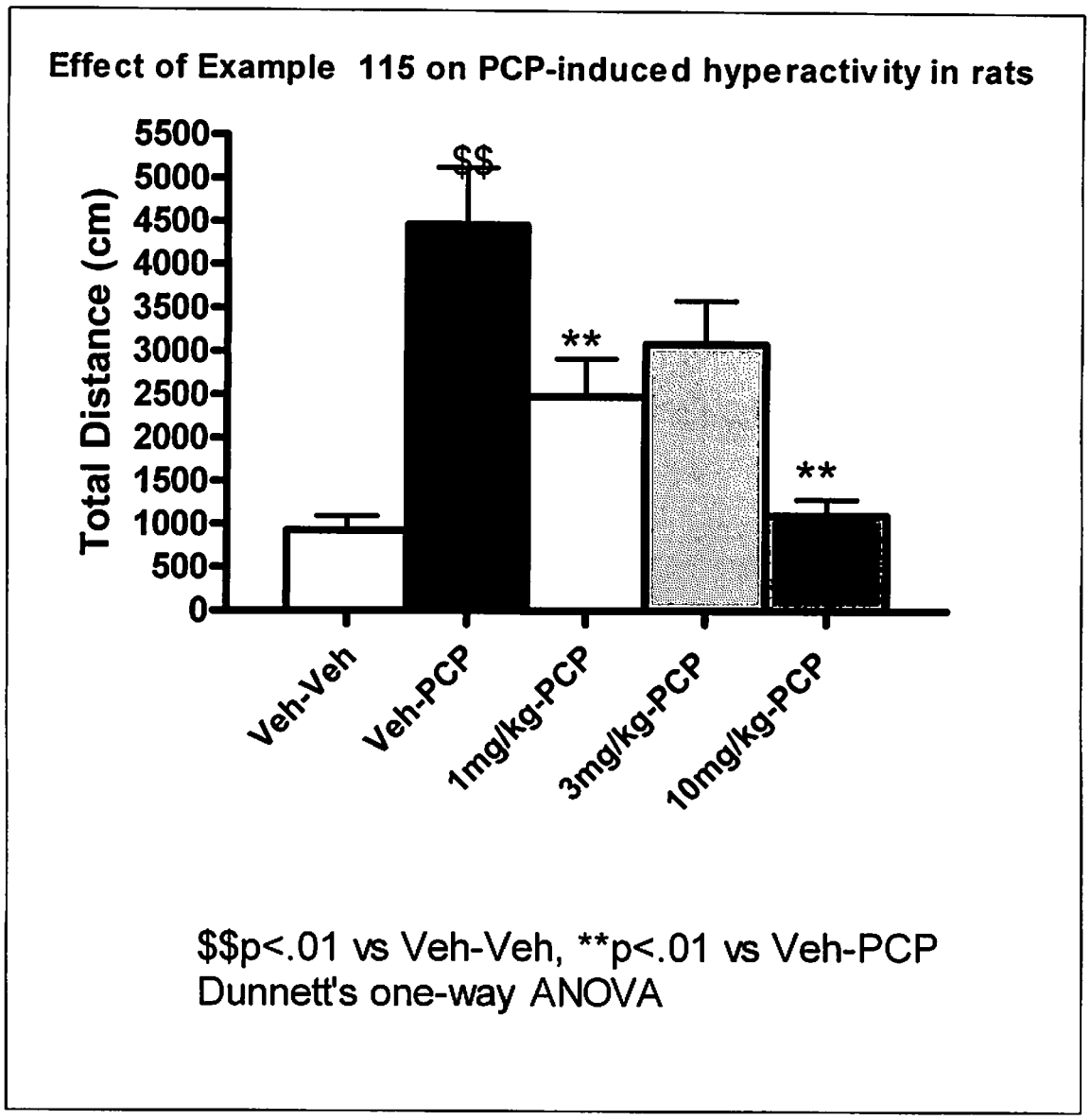

Effect of Example 115 on PCP-induced hyperactivity in rats
Total Distance (cm)
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
$$
**
**
Veh-Veh
Veh-PCP
1mg/kg-PCP
3mg/kg-PCP
10mg/kg-PCP
$$p<.01 vs Veh-Veh, **p<.01 vs Veh-PCP
Dunnett's one-way ANOVA

Figure 1B: Effects of Example 115 on PCP-induced hyperactivity in rats

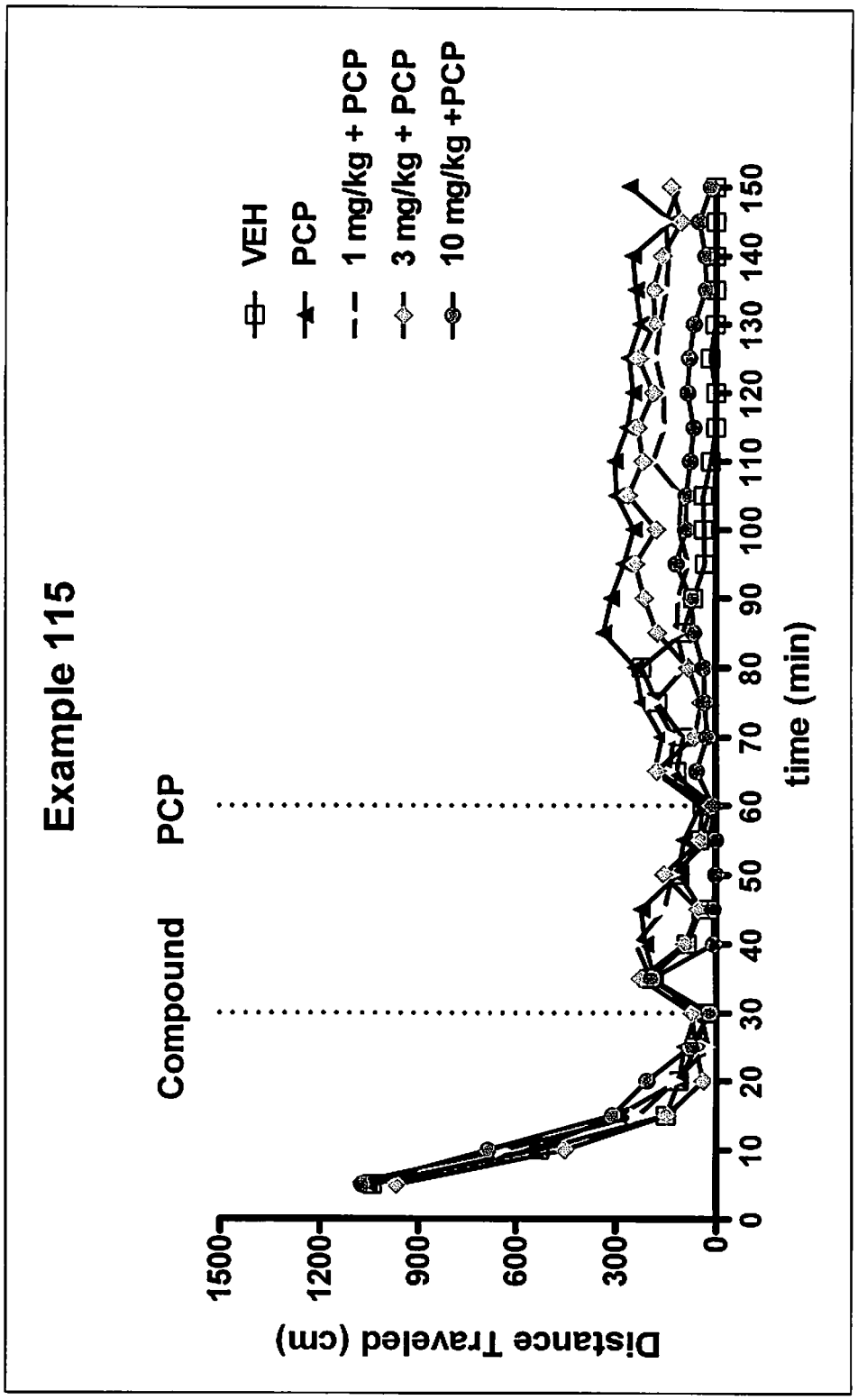


Figure 2

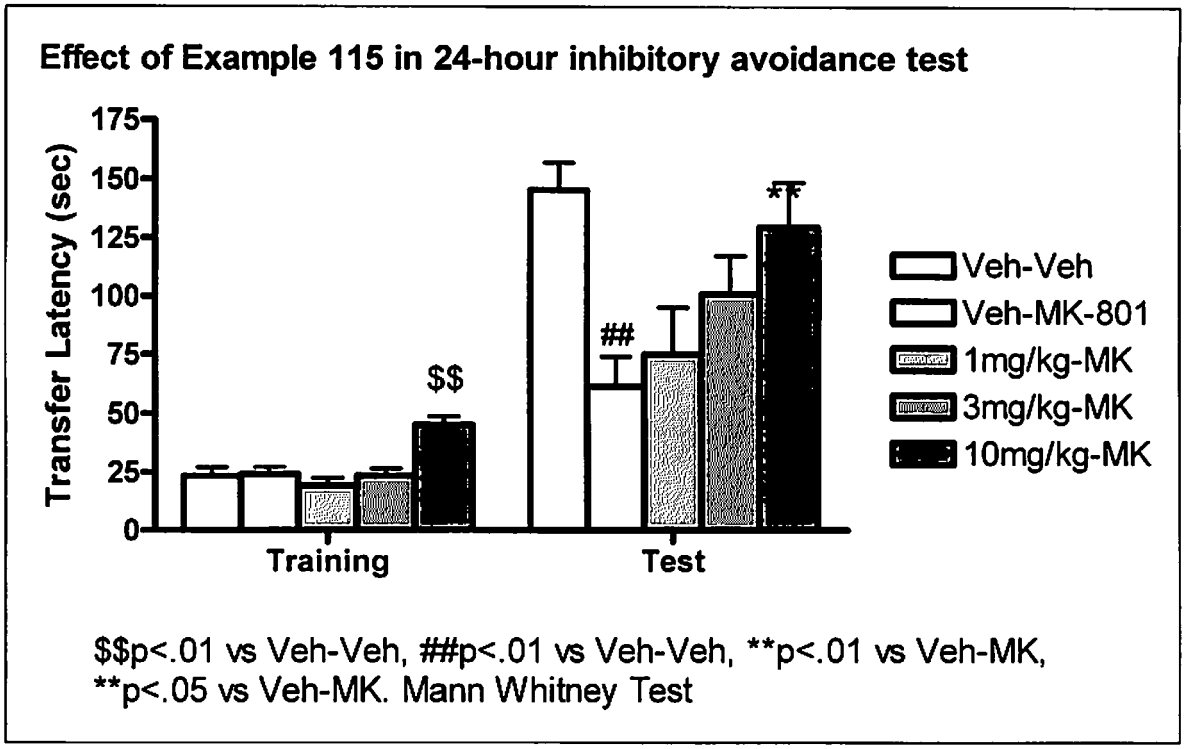
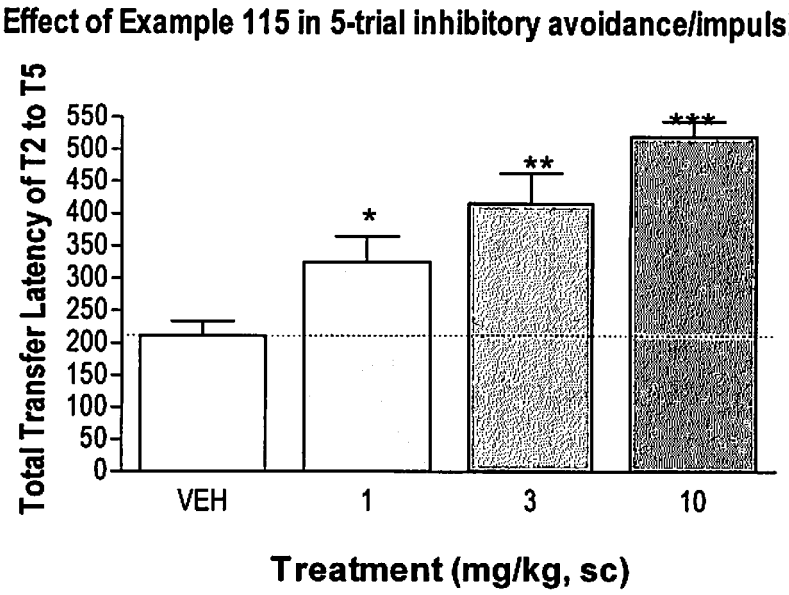

Effect of Example 115 in 24-hour inhibitory avoidance test
Transfer Latency (sec)
175
150
125
100
75
50
25
0
$$
##
**
Training
Test
Veh-Veh
Veh-MK-801
1mg/kg-MK
3mg/kg-MK
10mg/kg-MK
$$p<.01 vs Veh-Veh, ##p<.01 vs Veh-Veh, **p<.01 vs Veh-MK,
**p<.05 vs Veh-MK. Mann Whitney Test

Figure 3



*p<0.05, **p<0.01 and ***p<0.001, compared to VEH-treated group. Mann-Whitney test

Figure 4A: Effects of Example 44 on PCP-induced hyperactivity in mice

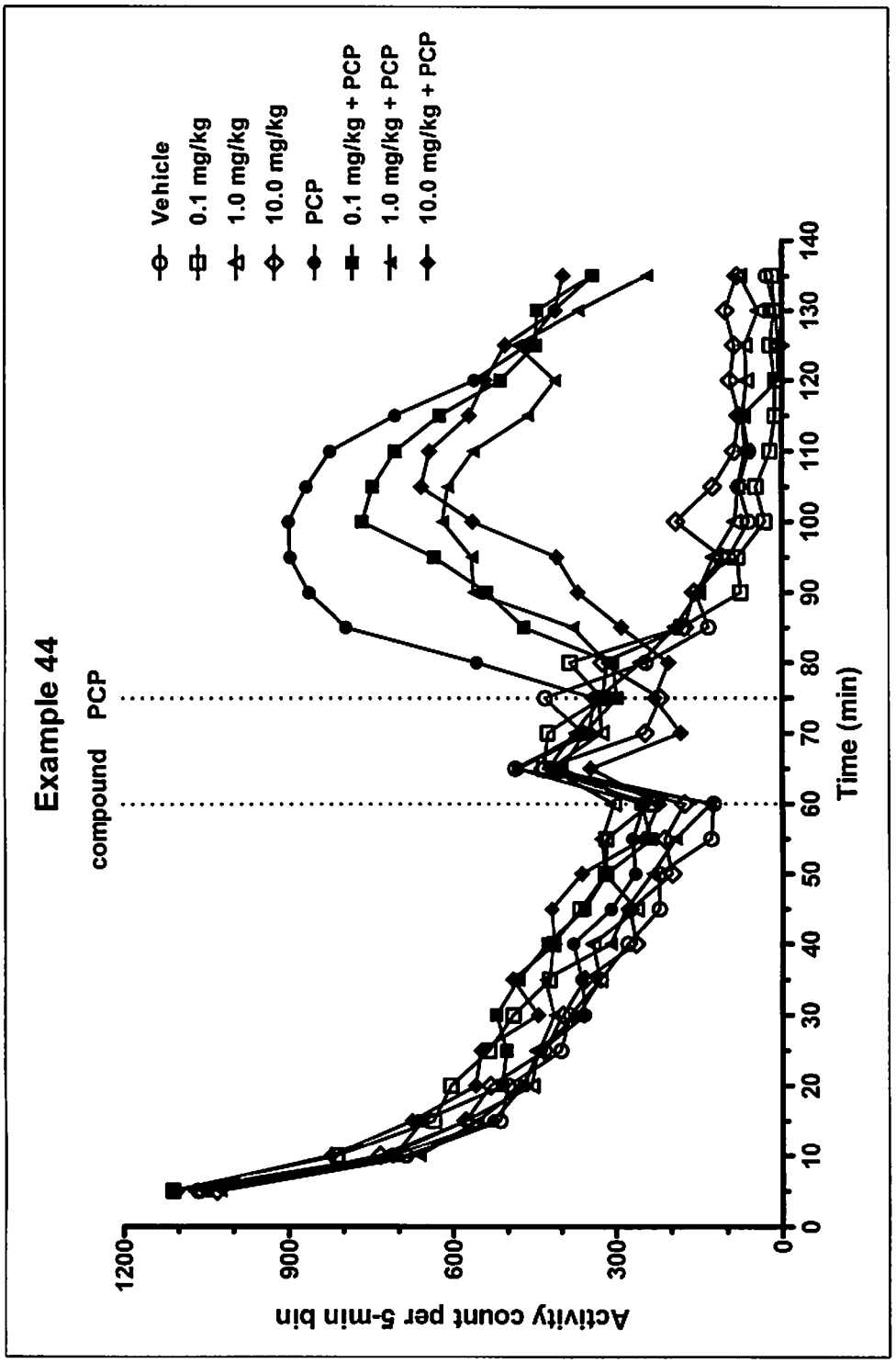


Figure 4B: Effects of Example 44 on PCP-induced hyperactivity in mice

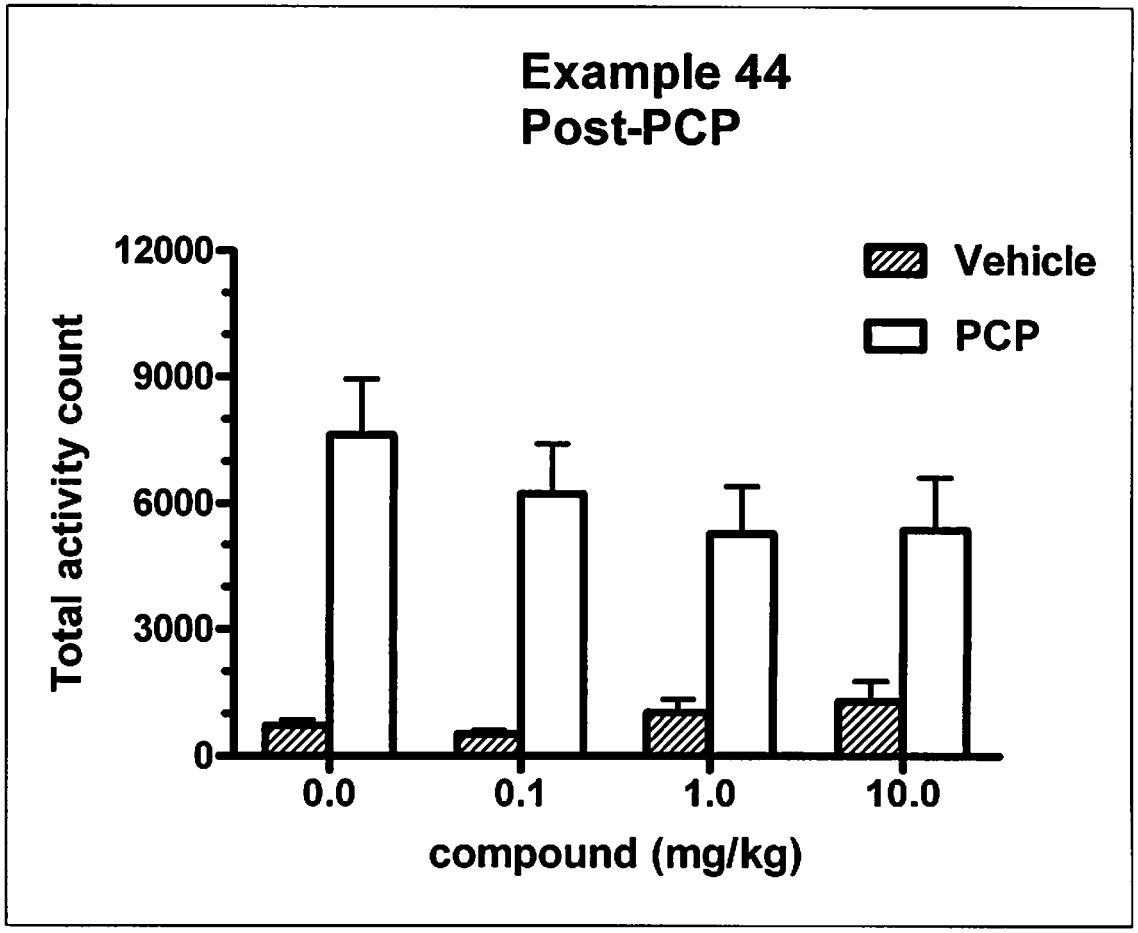


Figure 5A: Effects of Example 106 on AMP-induced hyperactivity in mice

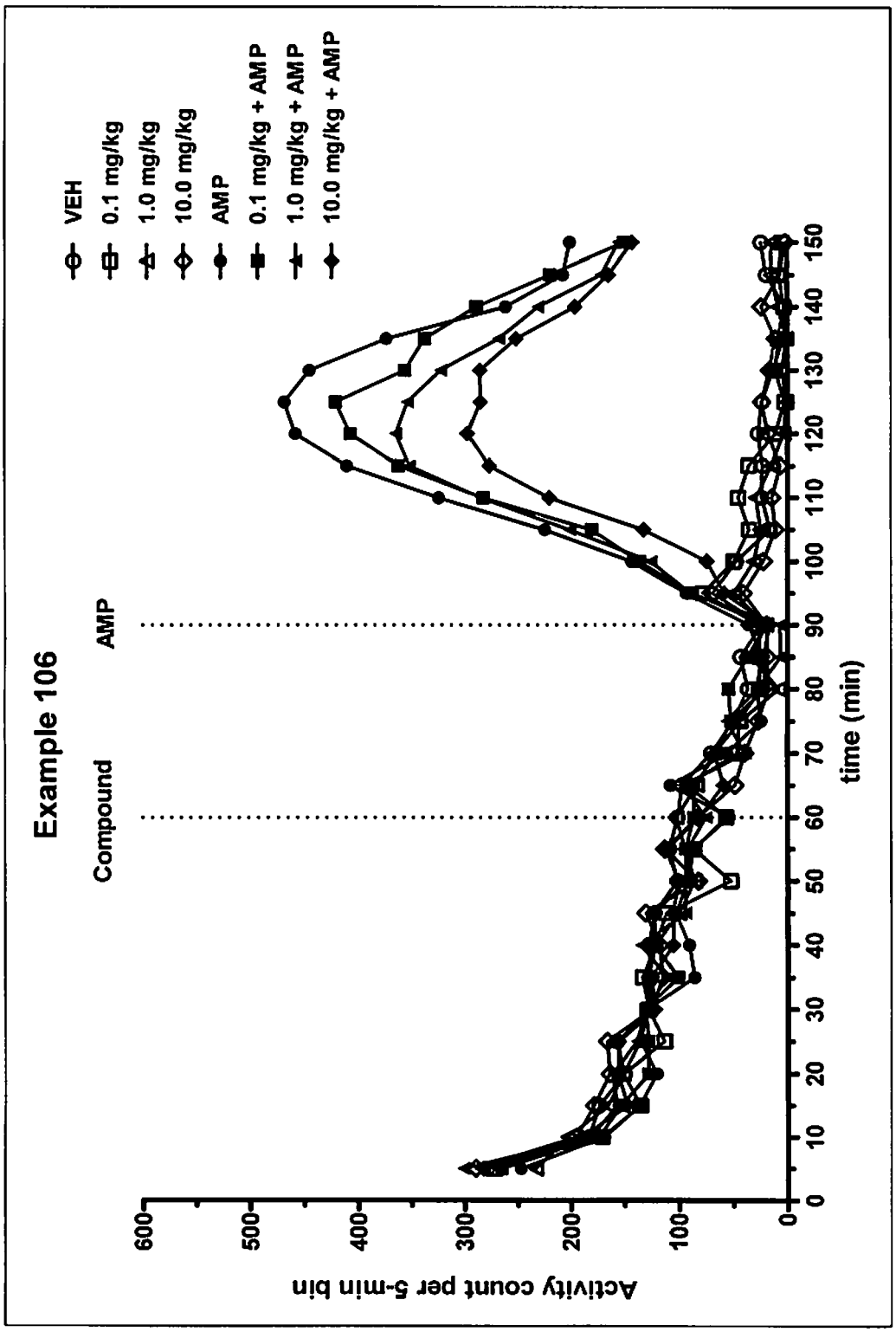


Figure 5B: Effects of Example 106 on AMP-induced hyperactivity in mice

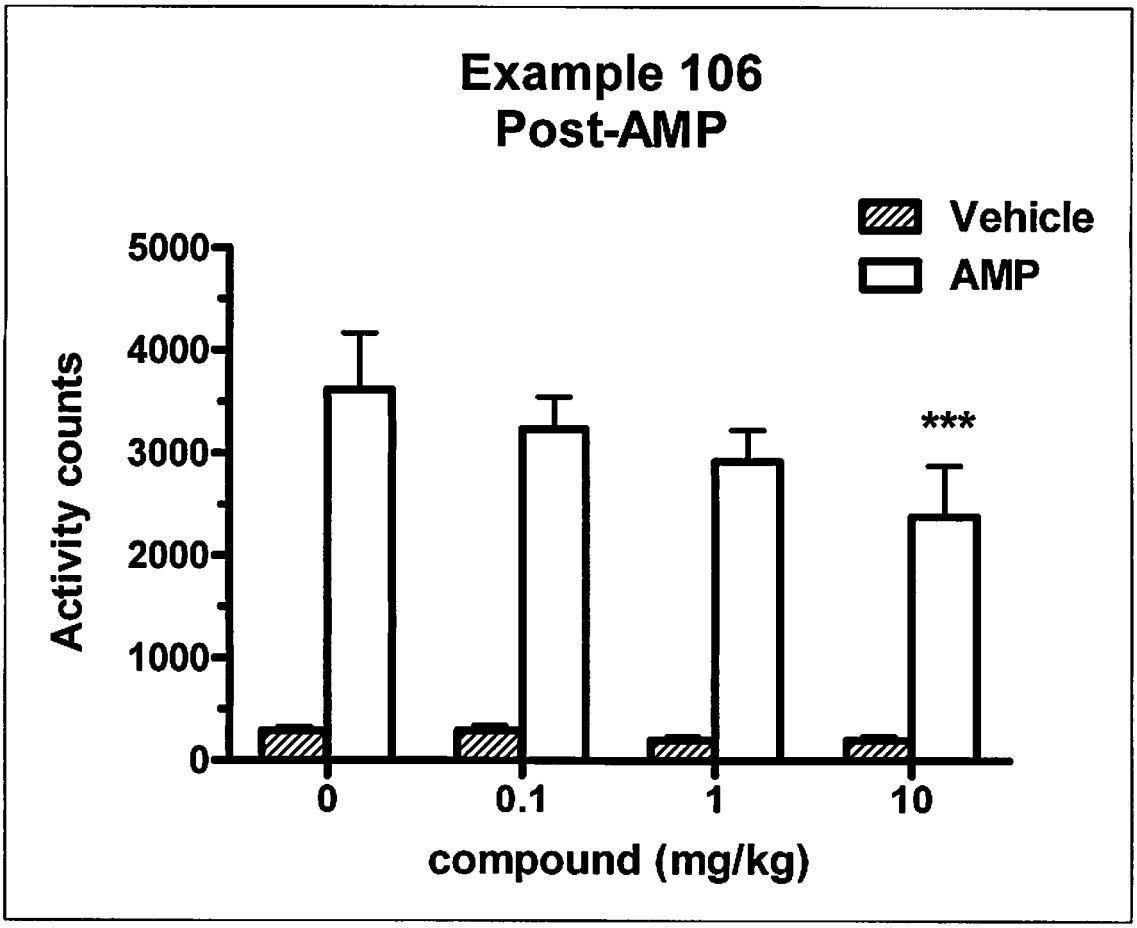


Figure 6A: Effects of Example 115 on AMP-induced hyperactivity in mice

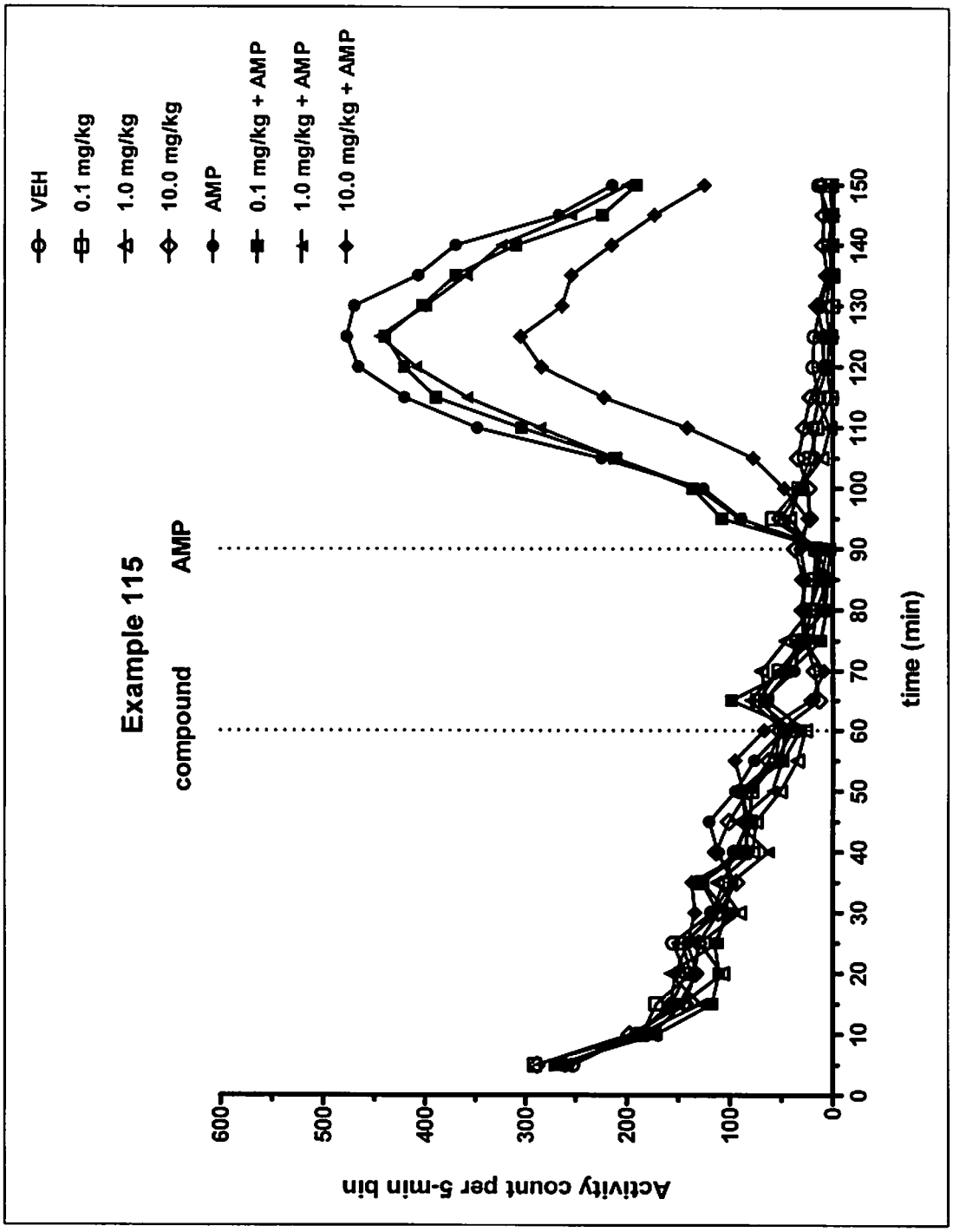


Figure 6B: Effects of Example 115 on AMP-induced hyperactivity in mice

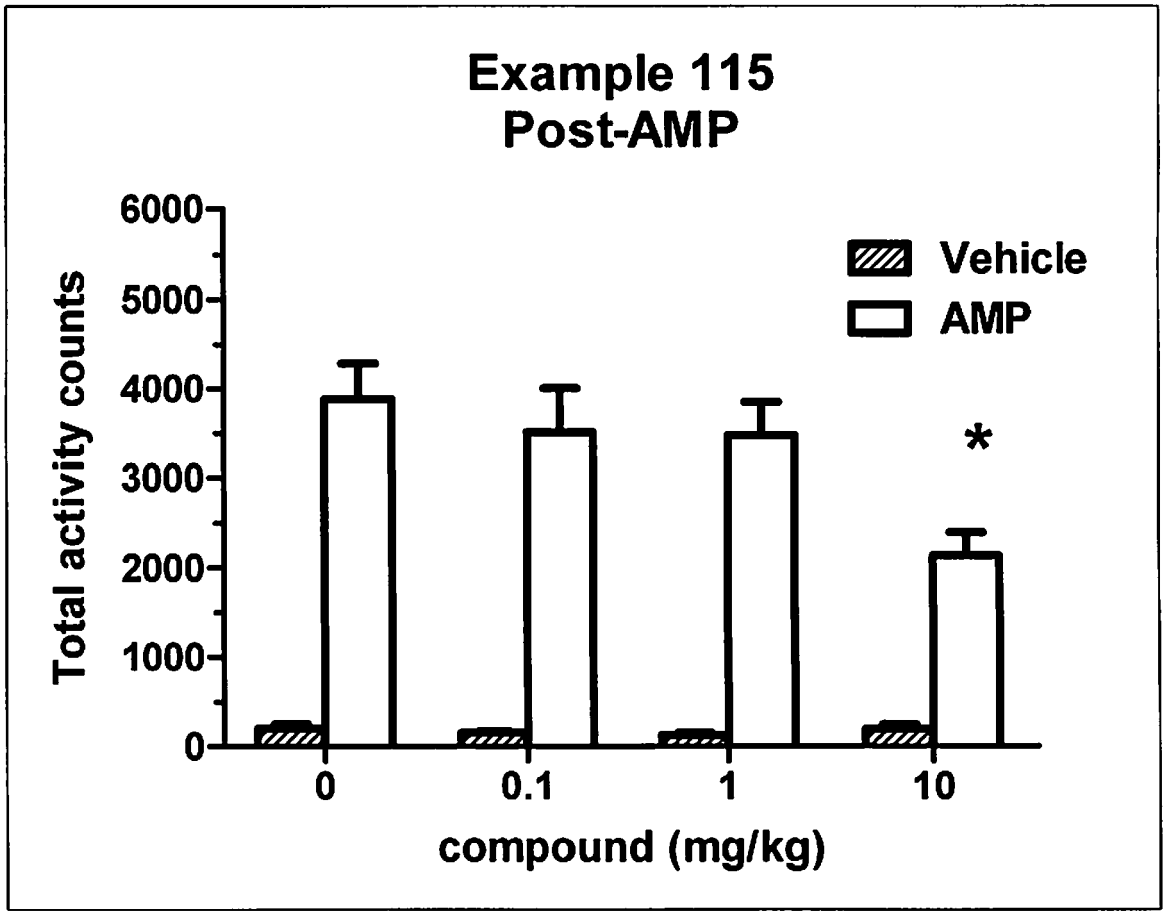


Figure 7A: Effects of Example 158 on AMP-induced hyperactivity in mice

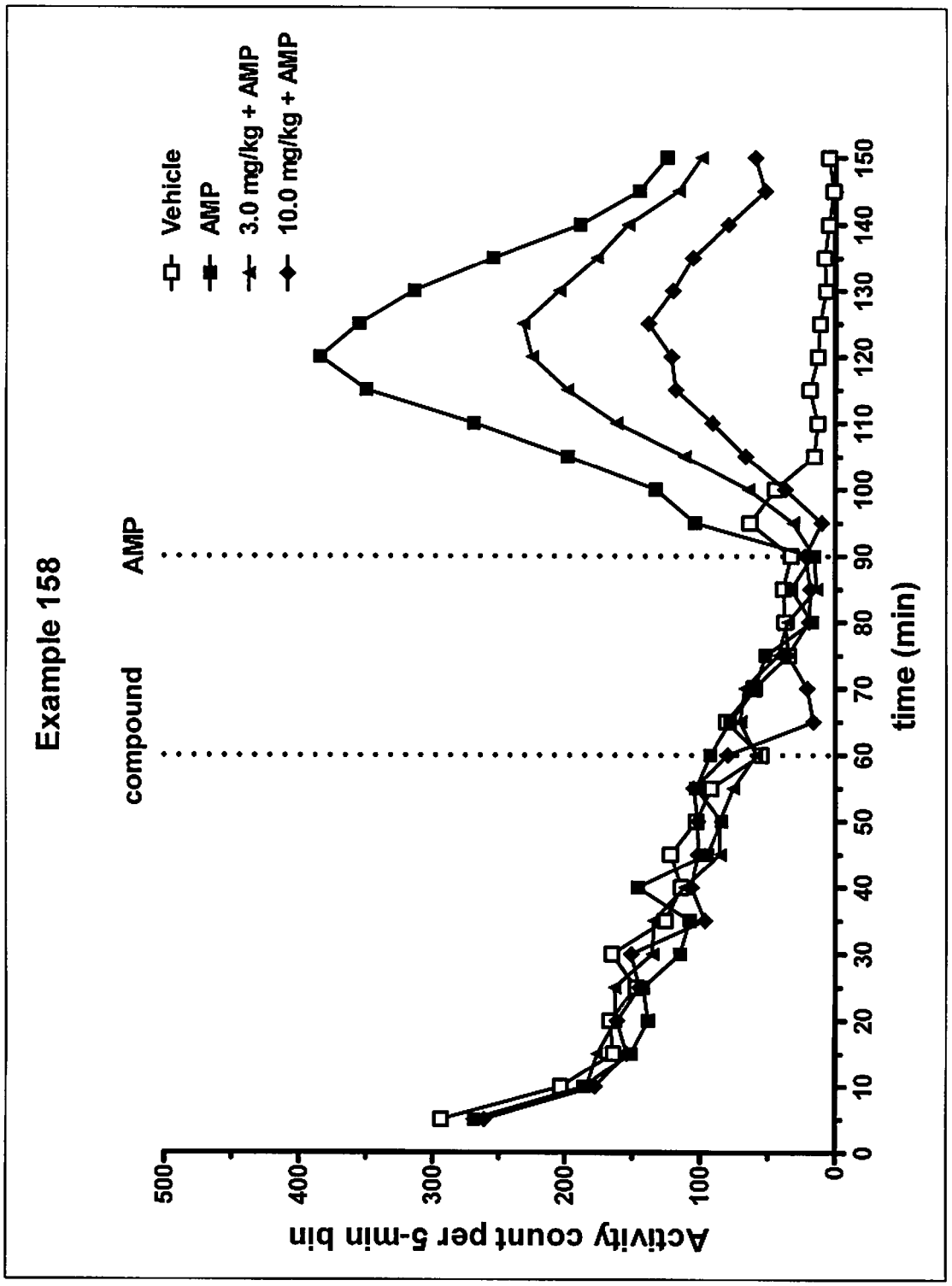


Figure 7B: Effects of Example 158 on AMP-induced hyperactivity in mice

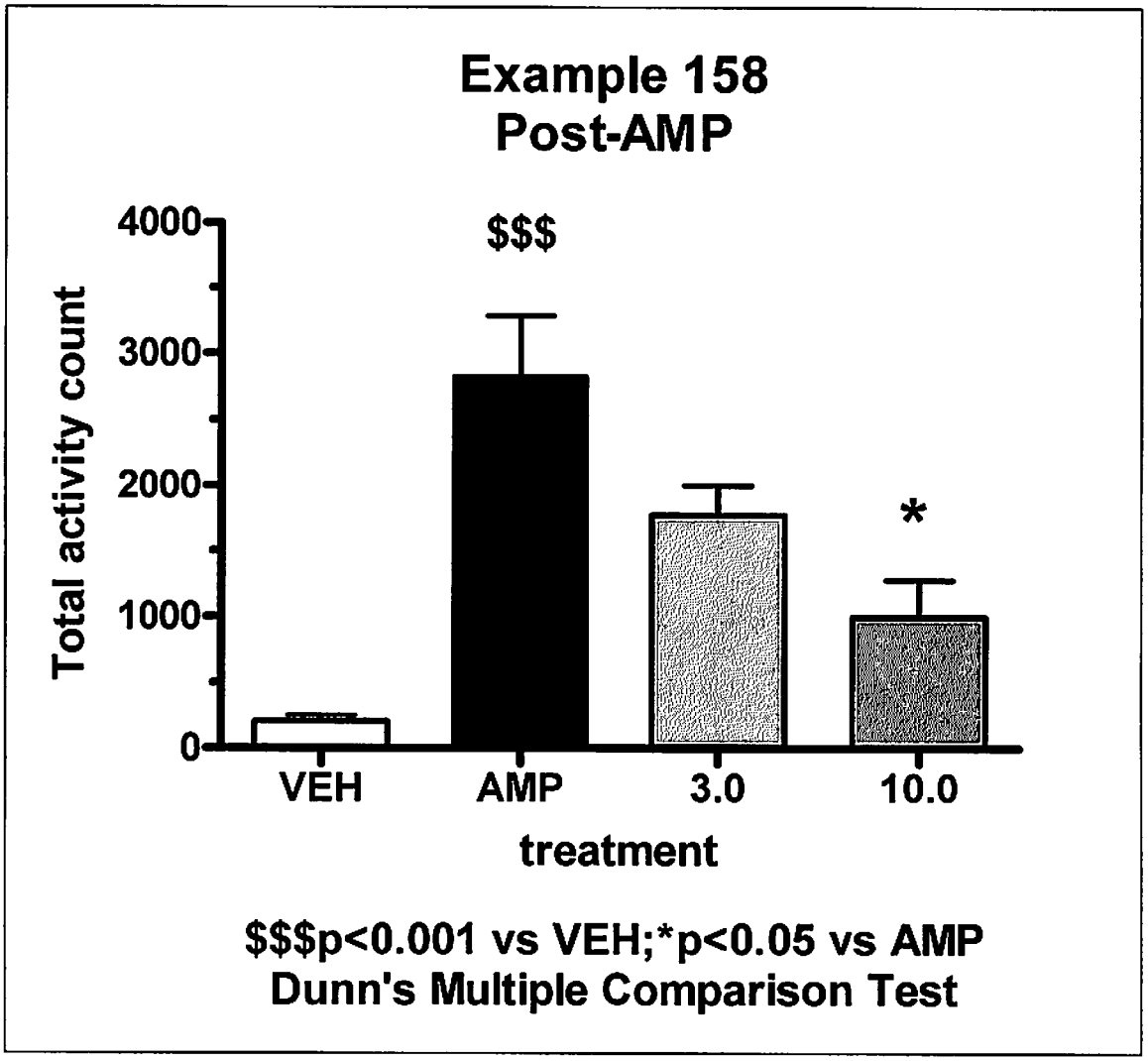


Figure 8A: Effects of Example 225 on AMP-induced hyperactivity in mice

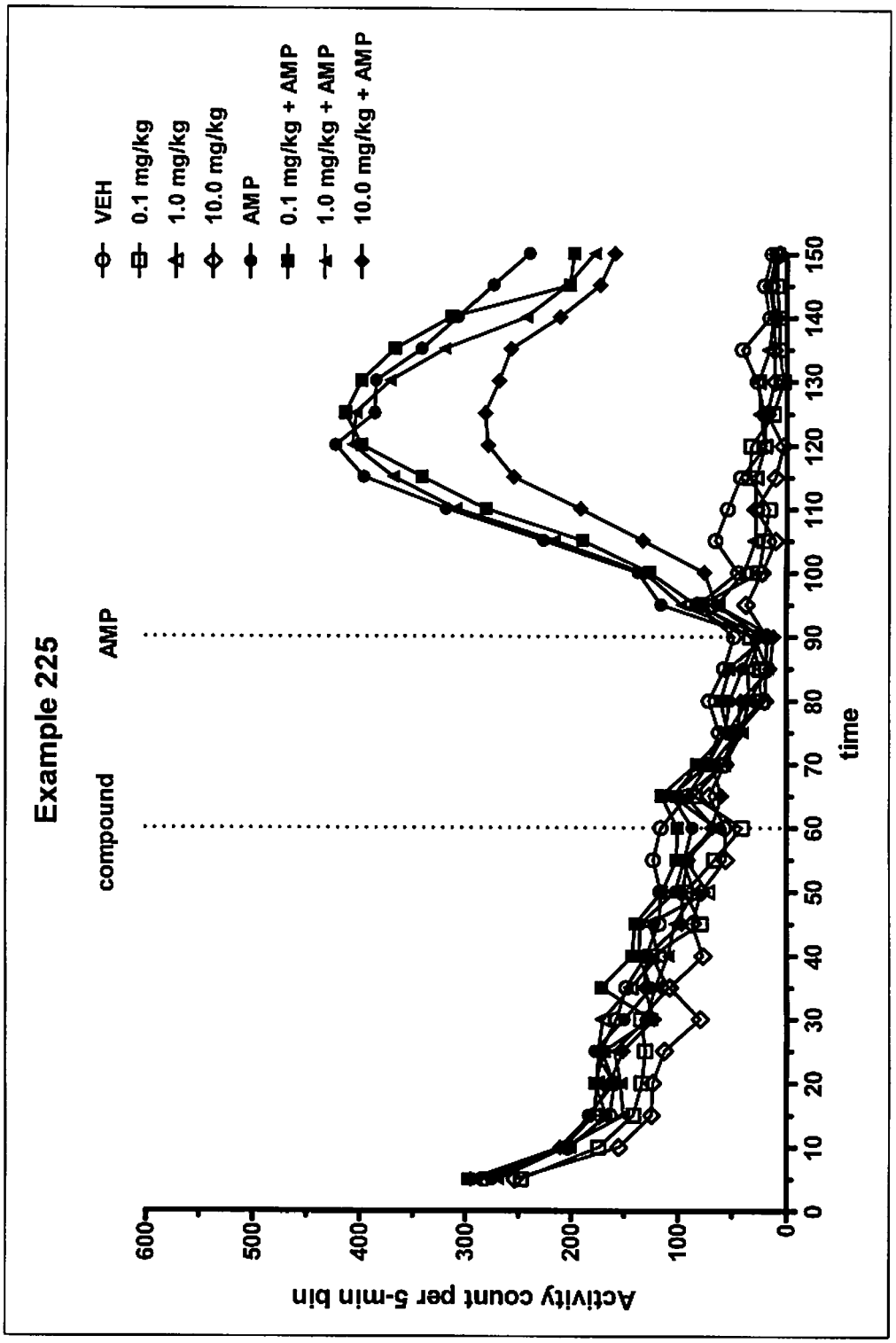


Figure 8B: Effects of Example 225 on AMP-induced hyperactivity in mice

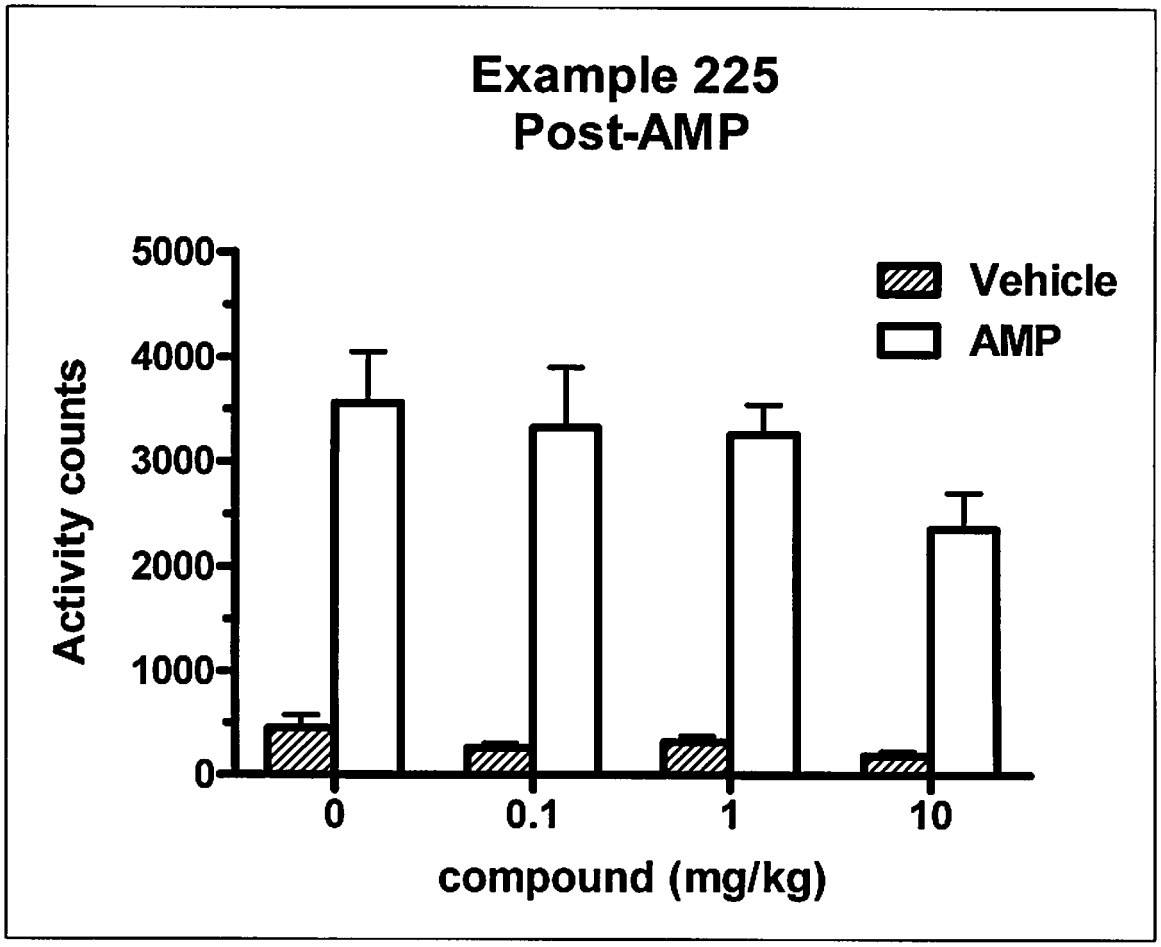


Figure 9A: Effects of Example 115 on conditioning avoidance responding in rats; avoided responses.

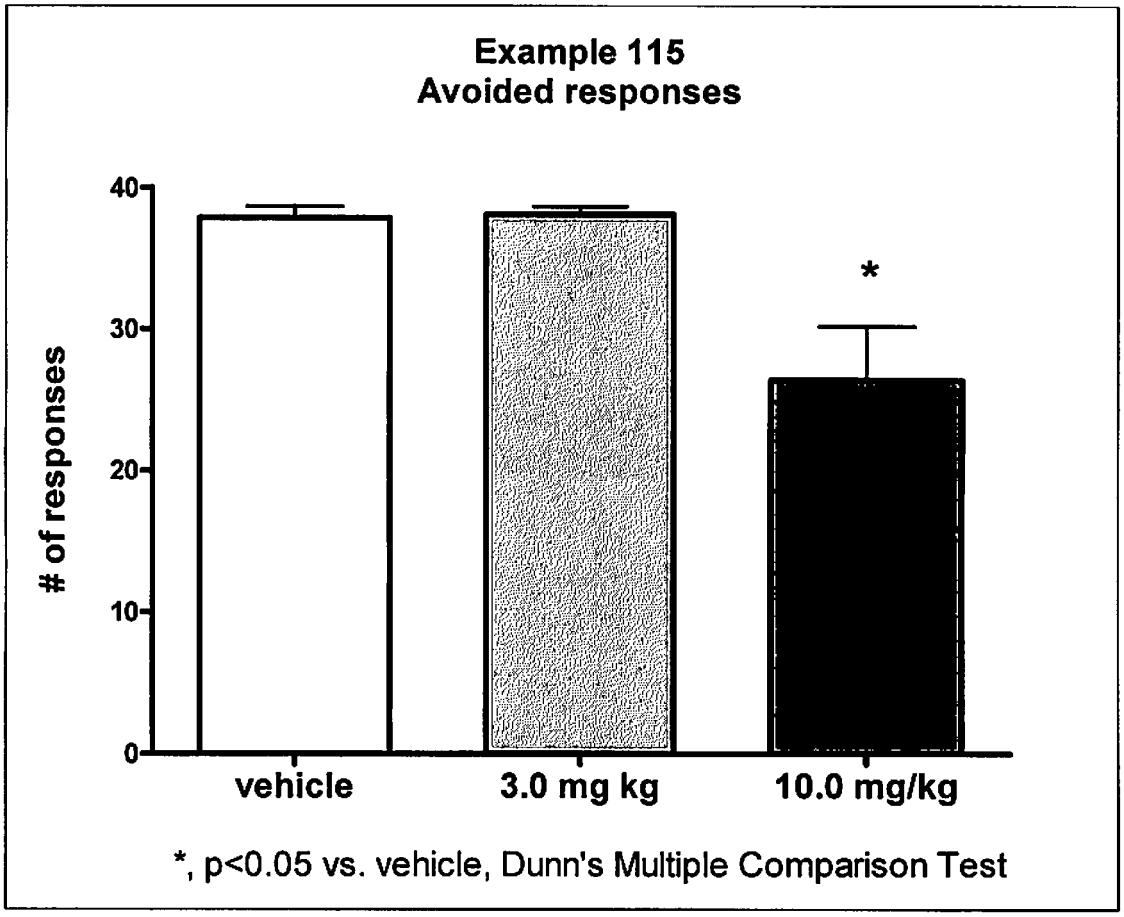


Figure 9B: Effects of Example 115 on conditioning avoidance responding in rats; escaped responses.

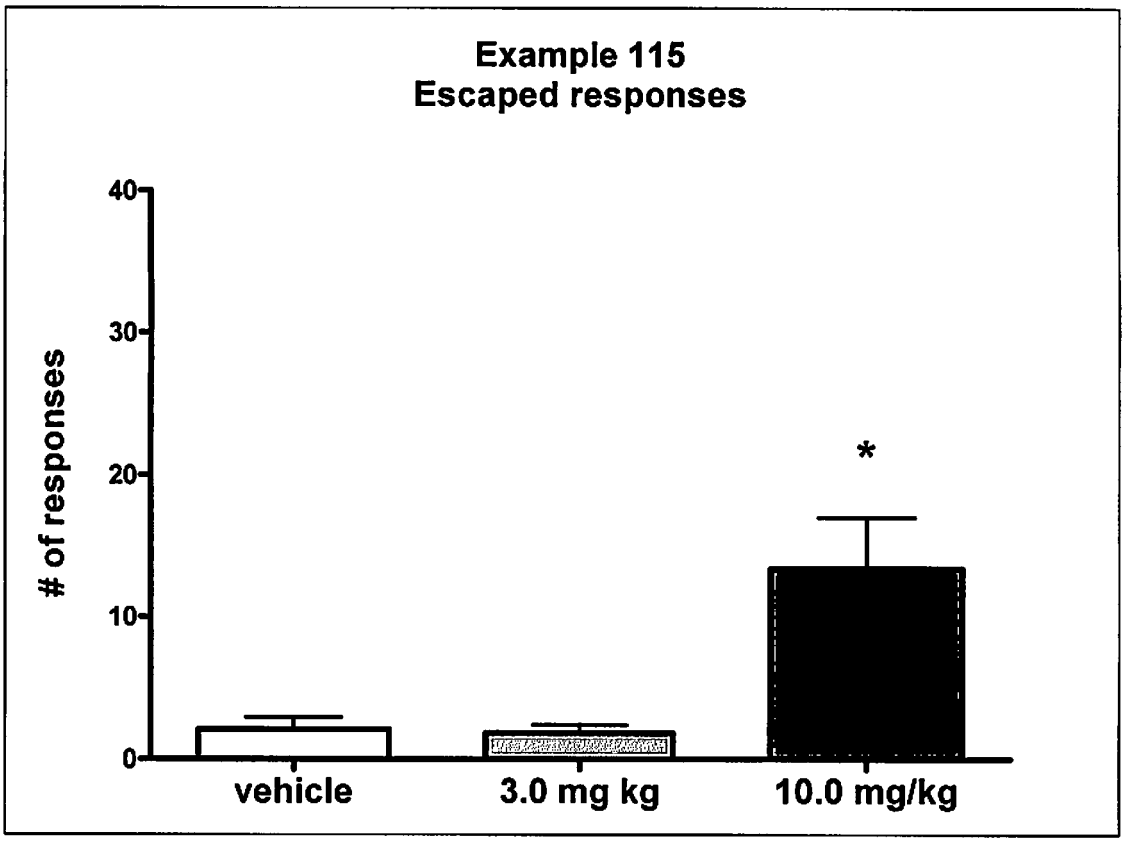


Figure 9C: Effects of Example 115 on conditioning avoidance responding in rats; failure responses.

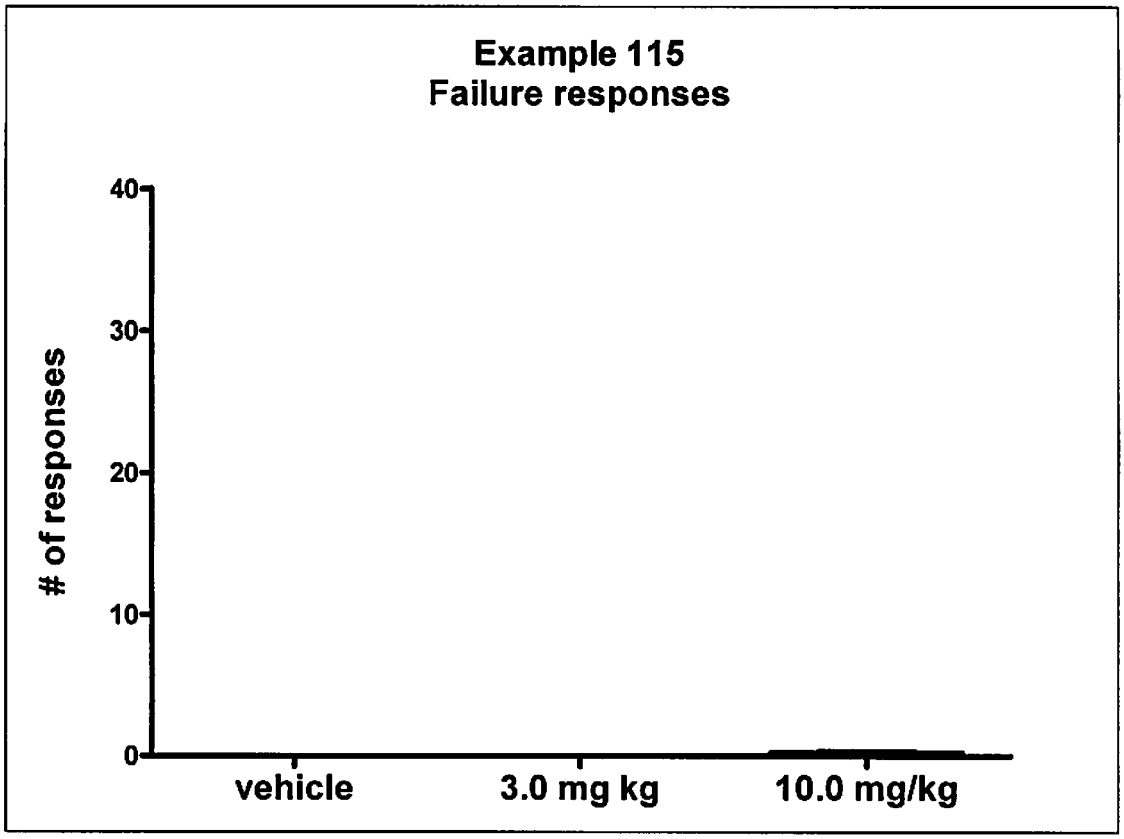


Figure 10A: Effects of Example 158 on conditioning avoidance responding in rats; avoided responses.

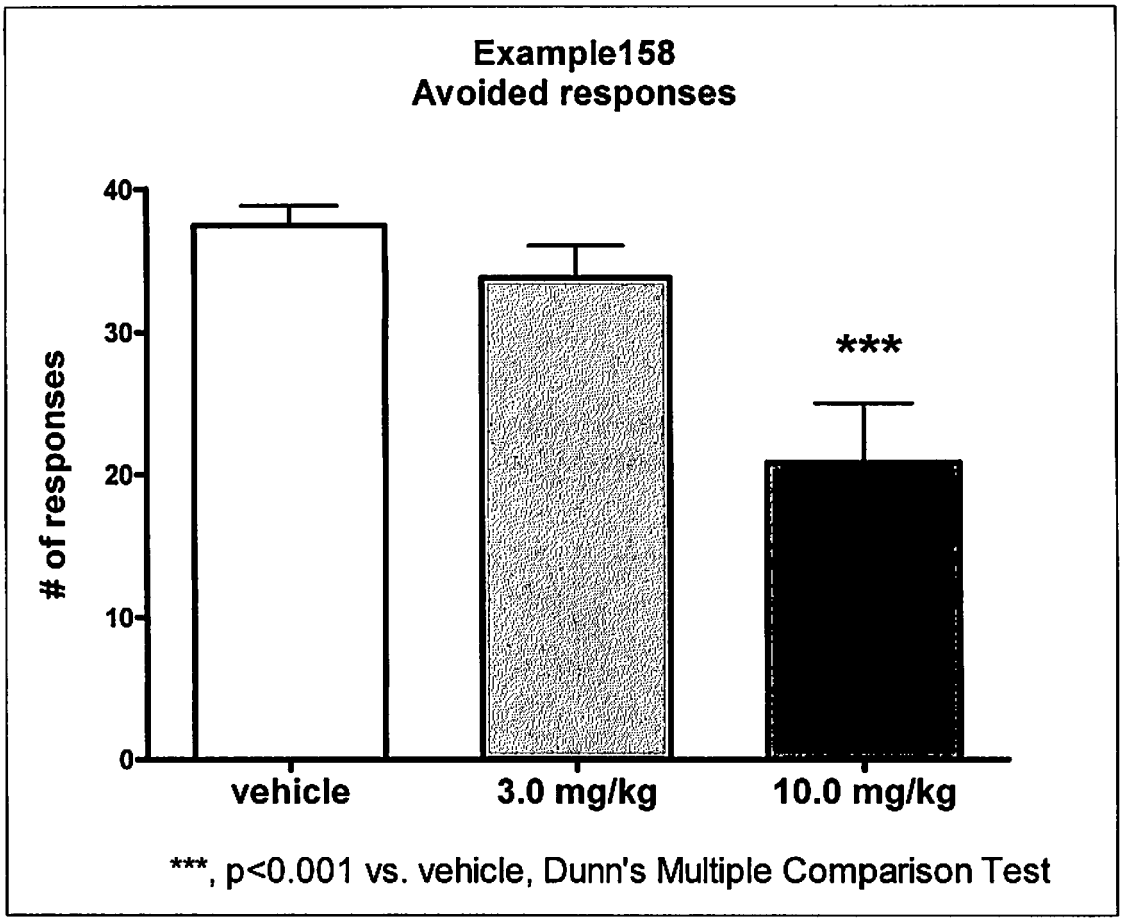


Figure 10B: Effects of Example 158 on conditioning avoidance responding in rats; escaped responses.

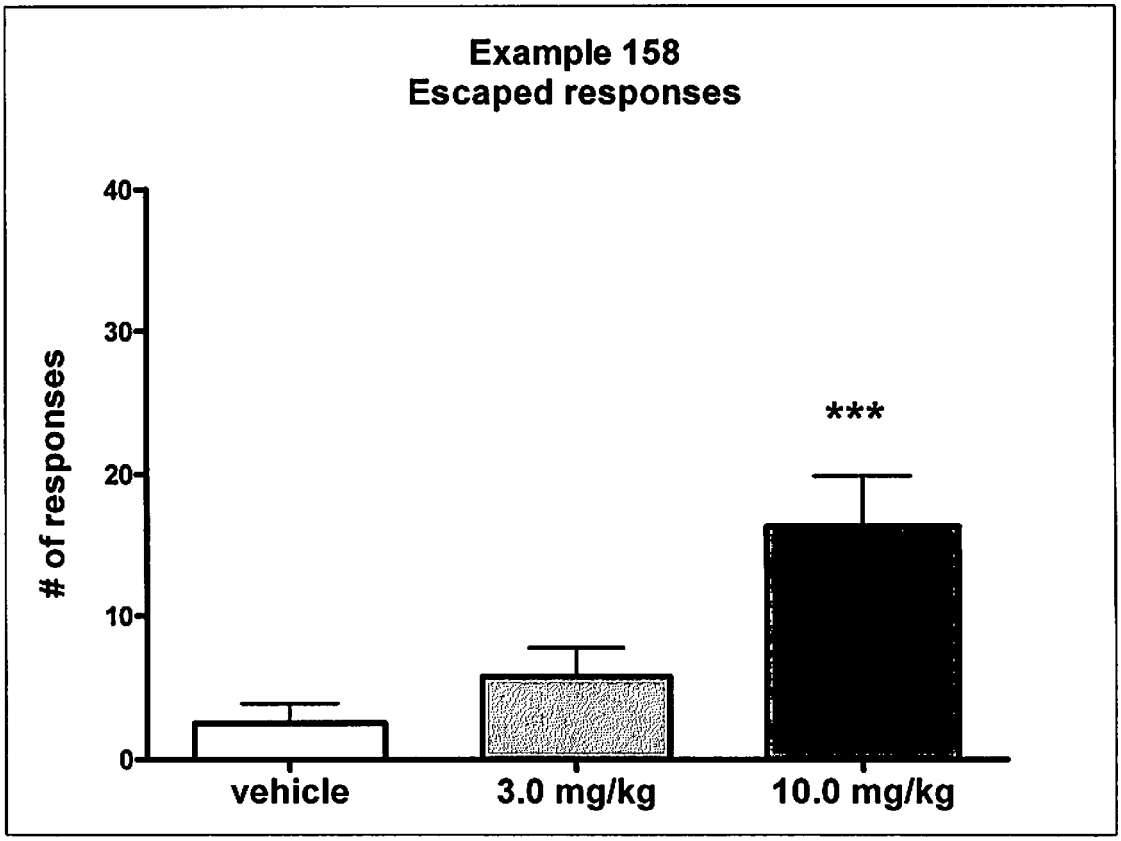


Figure 10C: Effects of Example 158 on conditioning avoidance responding in rats; failure responses.

