Forced Swim Test

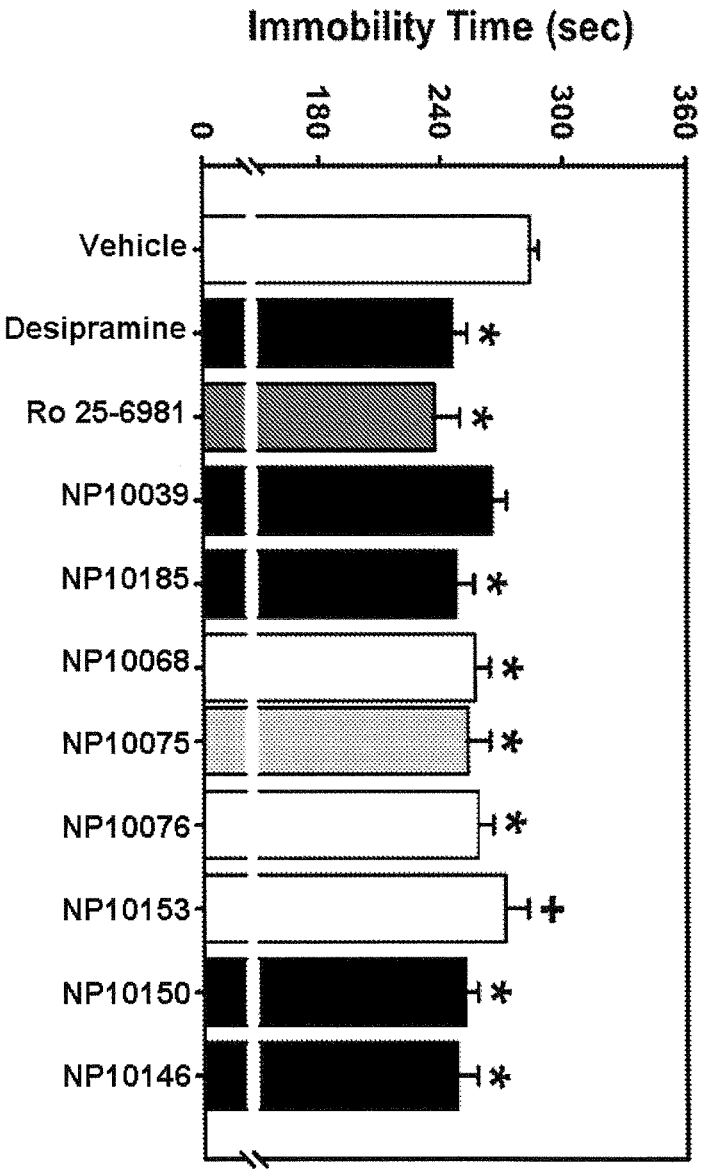


Figure 1

Forced Swim Test

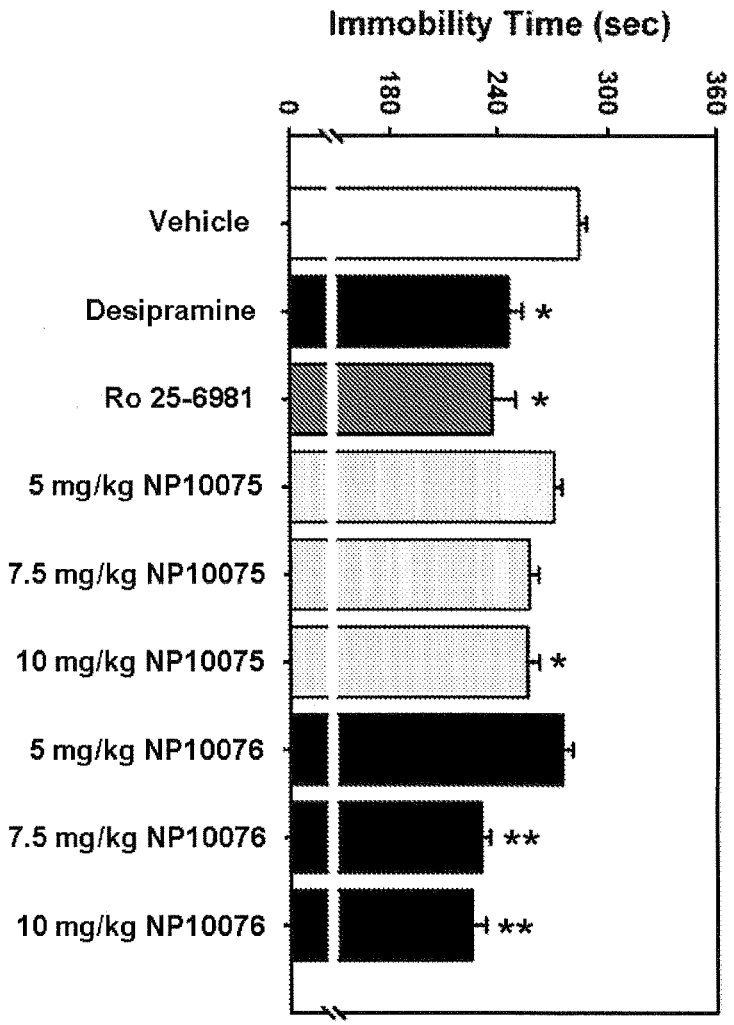


Figure 2

Open Field Activity Test

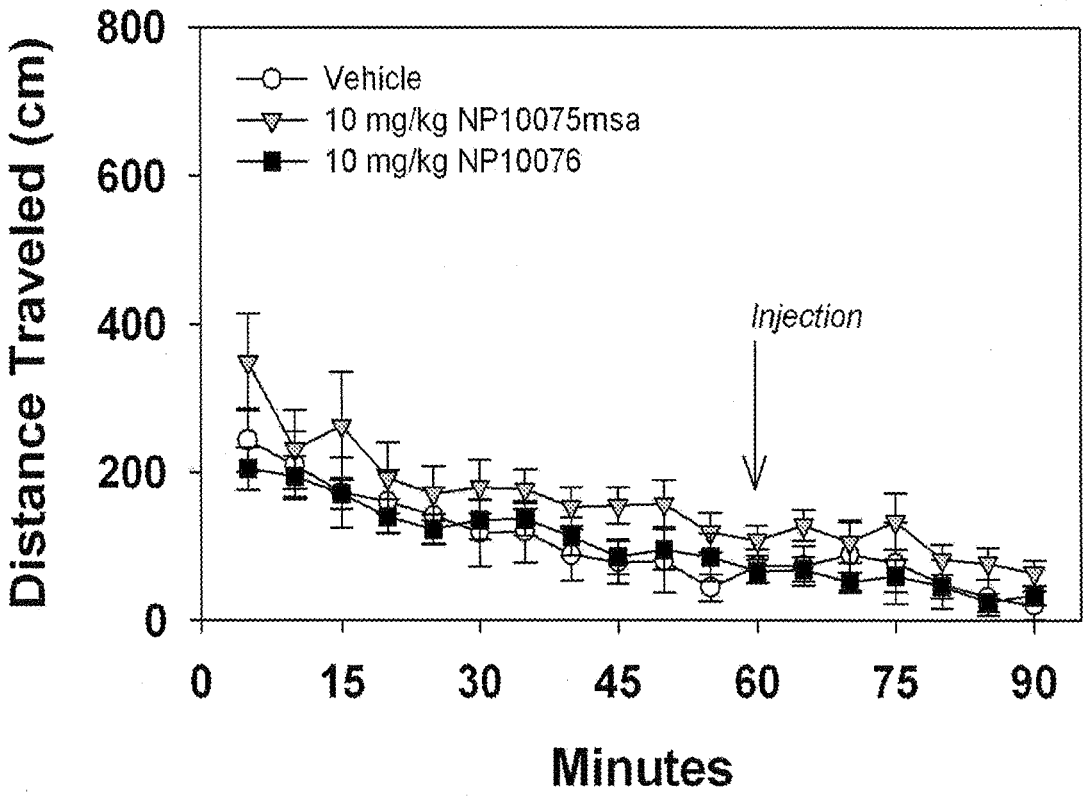
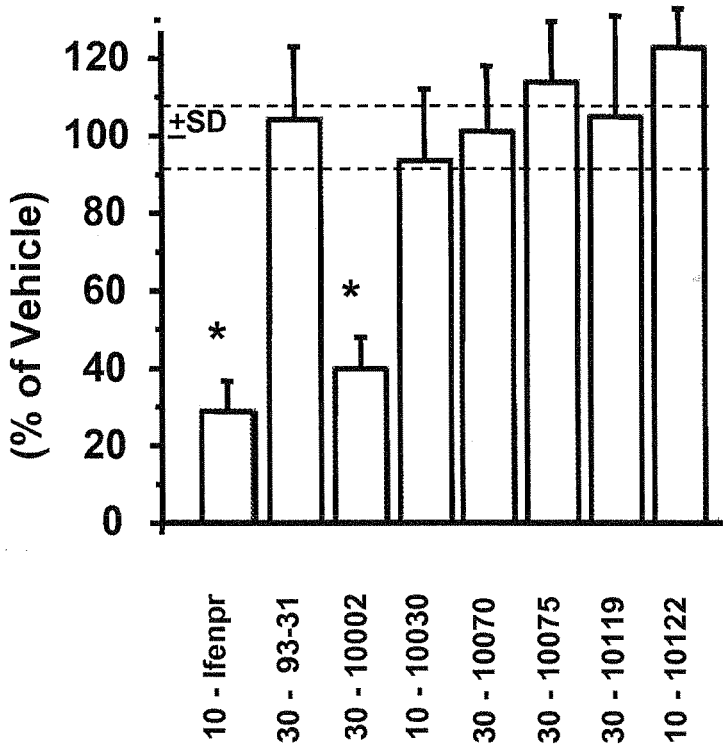


Figure 3

Rotorod Test



Dose mg/kg i.p.

Figure 4

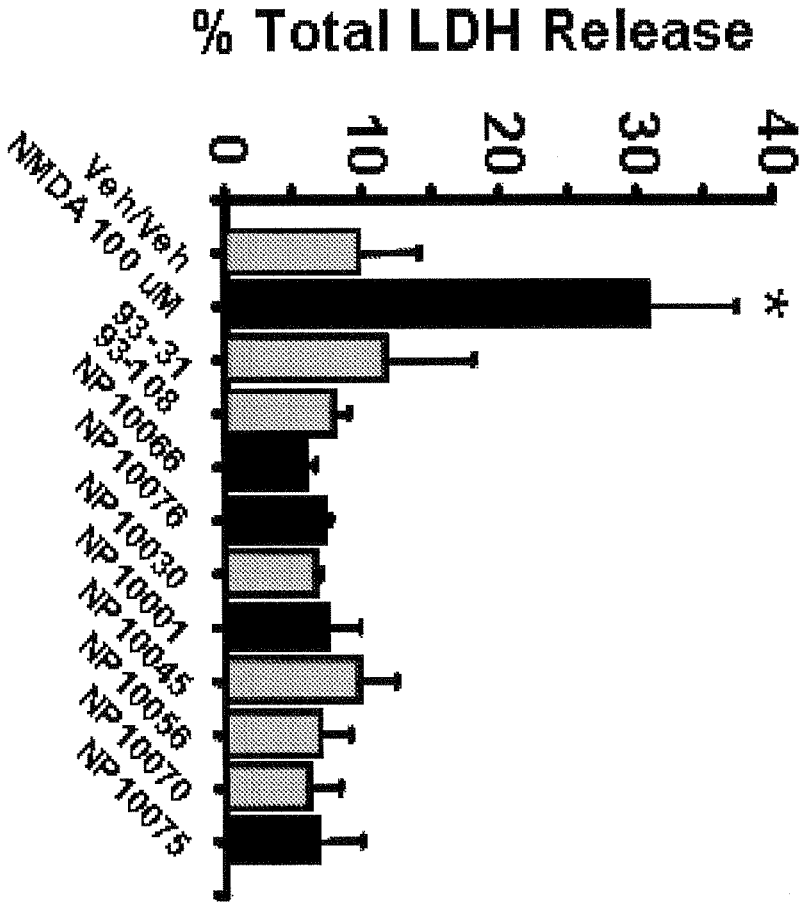

% Total LDH Release
0
10
20
30
40
Veh/Veh
NMDA 100 uM
93-31
93-108
NP10066
NP10076
NP10030
NP10001
NP10045
NP10056
NP10070
NP10075
*

Figure 5

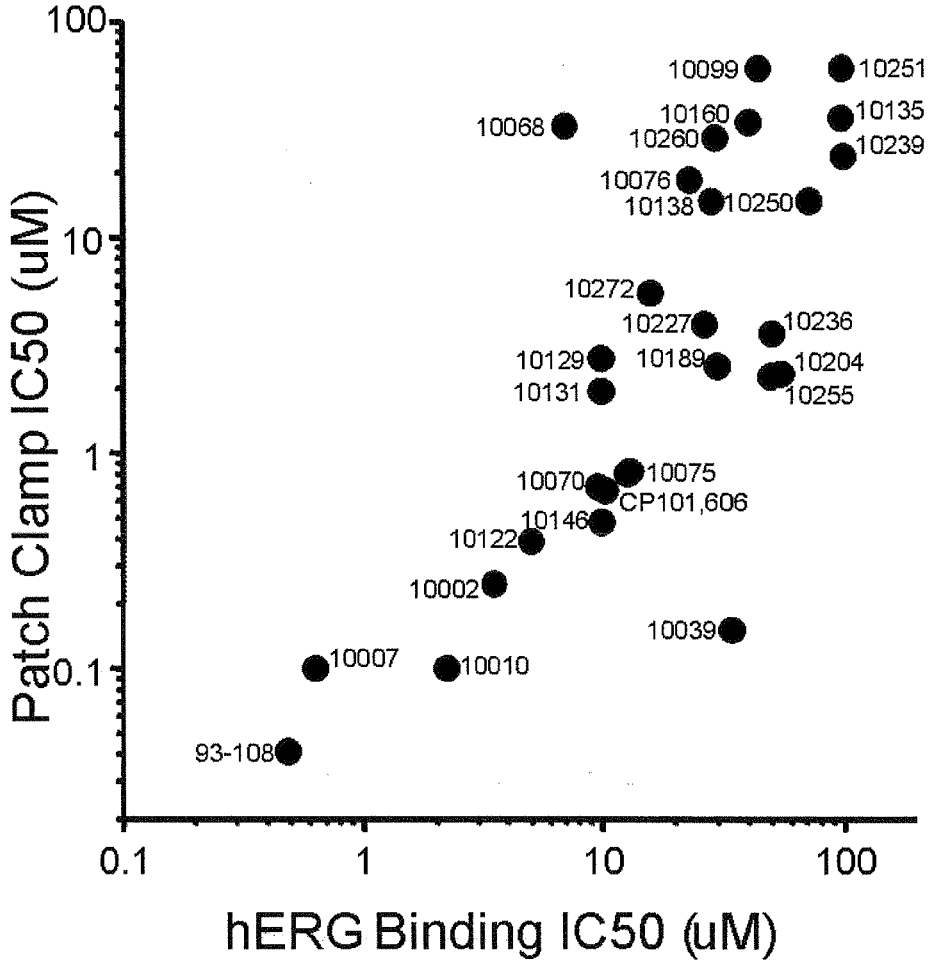

100
10
1
0.1
Patch Clamp IC50 (uM)
0.1
1
10
100
hERG Binding IC50 (uM)
10099
10251
10160
10135
10068
10260
10239
10076
10138
10250
10272
10227
10236
10129
10189
10204
10131
10255
10070
10075
CP101,606
10146
10122
10002
10039
10007
10010
93-108

Figure 6

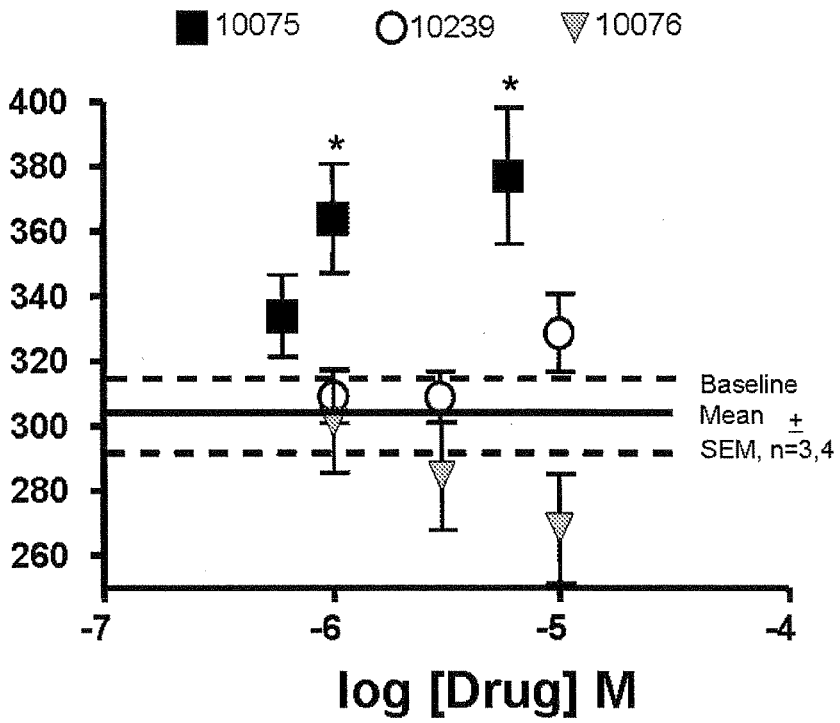

10075
10239
10076
400
380
360
340
320
300
280
260
*
*
Baseline
Mean ±
SEM, n=3,4
-7
-6
-5
-4
log [Drug] M

Figure 7

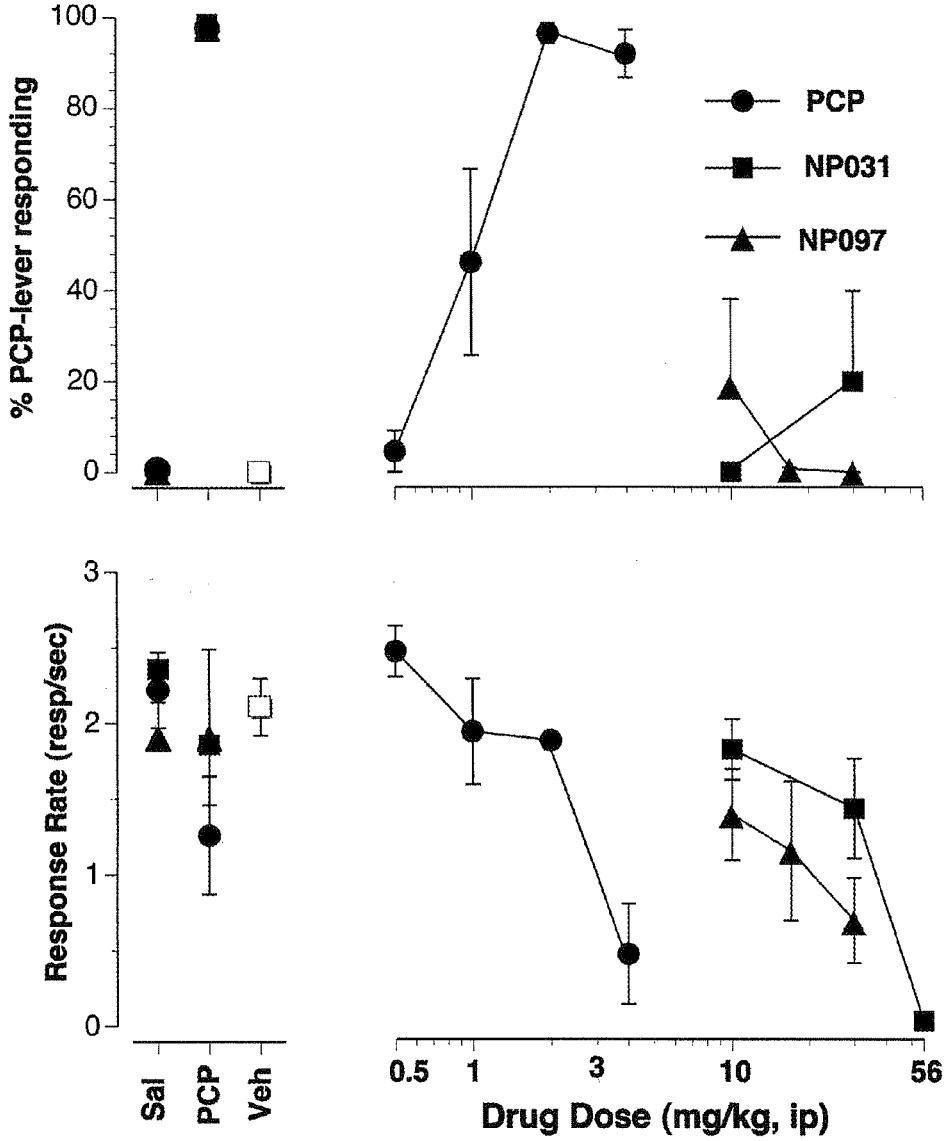

% PCP-lever responding
100
80
60
40
20
0
PCP
NP031
NP097
Response Rate (resp/sec)
3
2
1
0
Sal
PCP
Veh
0.5
1
3
10
56
Drug Dose (mg/kg, ip)

Figure 8