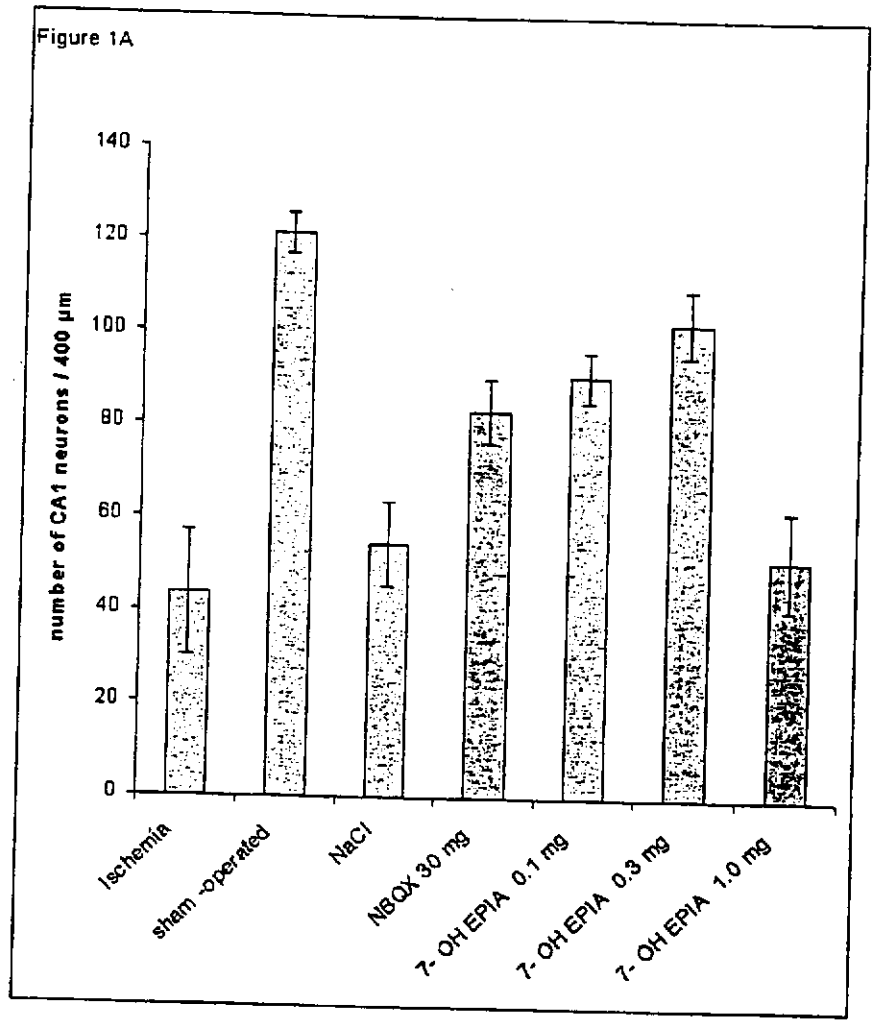
Figure 1A


number of CA1 neurons / 400 µm
140
120
100
80
60
40
20
0
Ischemia
sham -operated
NaCl
NBQX 30 mg
7- OH EPIA 0.1 mg
7- OH EPIA 0.3 mg
7- OH EPIA 1.0 mg

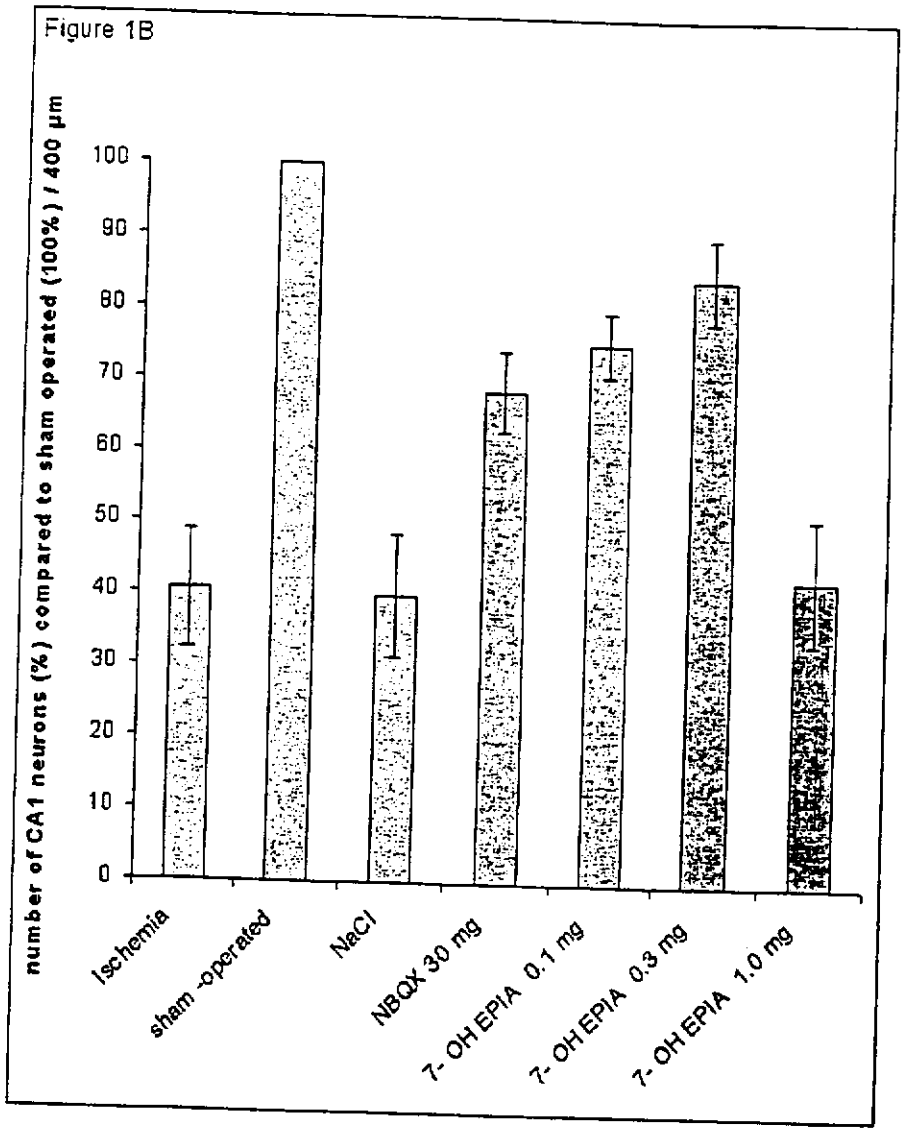


Figure 1B
number of CA1 neurons (%) compared to sham operated (100%) / 400 µm
100
90
80
70
60
50
40
30
20
10
0
Ischemia
sham -operated
NaCl
NBQX 30 mg
7- OH EPIA 0.1 mg
7- OH EPIA 0.3 mg
7- OH EPIA 1.0 mg

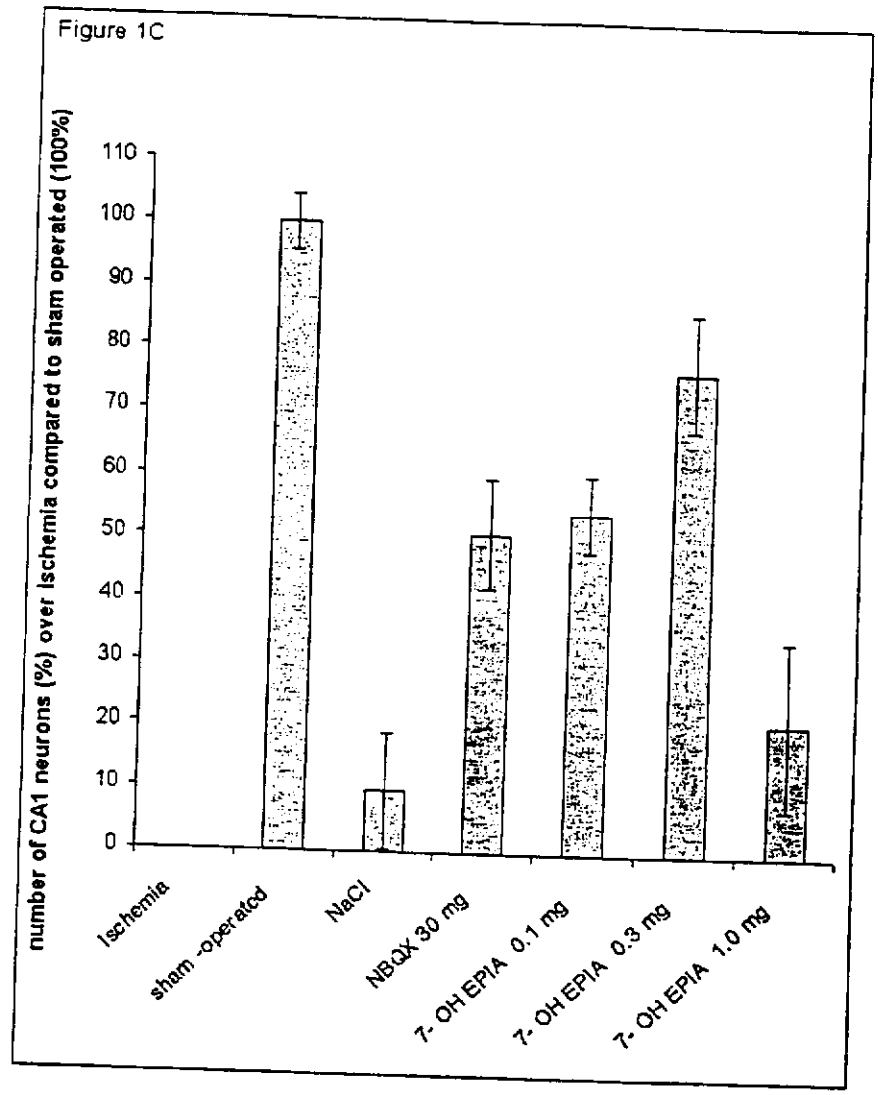


Figure 1C
number of CA1 neurons (%) over ischemia compared to sham operated (100%)
110
100
90
80
70
60
50
40
30
20
10
0
Ischemia
sham -operated
NaCl
NBQX 30 mg
7- OH EPIA 0.1 mg
7- OH EPIA 0.3 mg
7- OH EPIA 1.0 mg

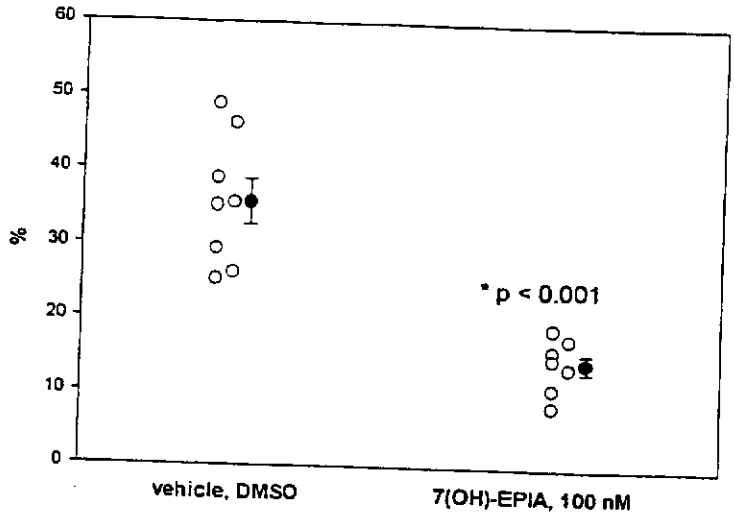



Figure 2

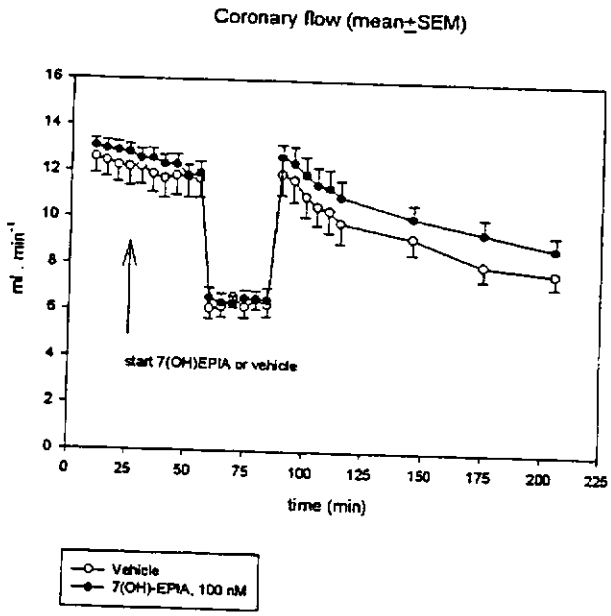



Figure 3

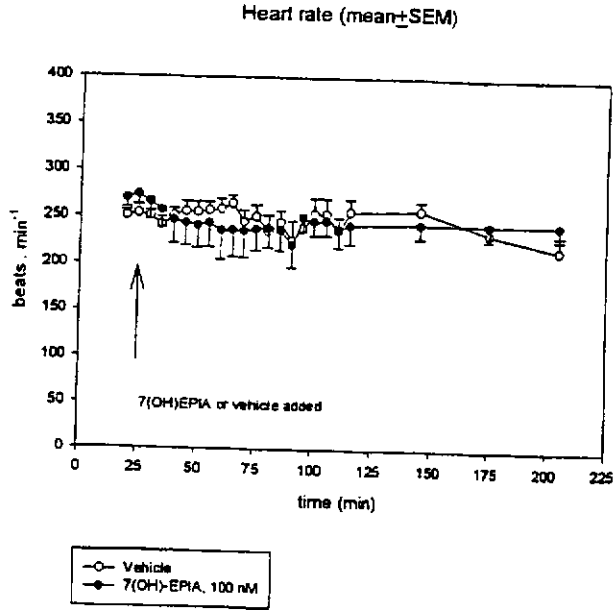



**Figure 4**

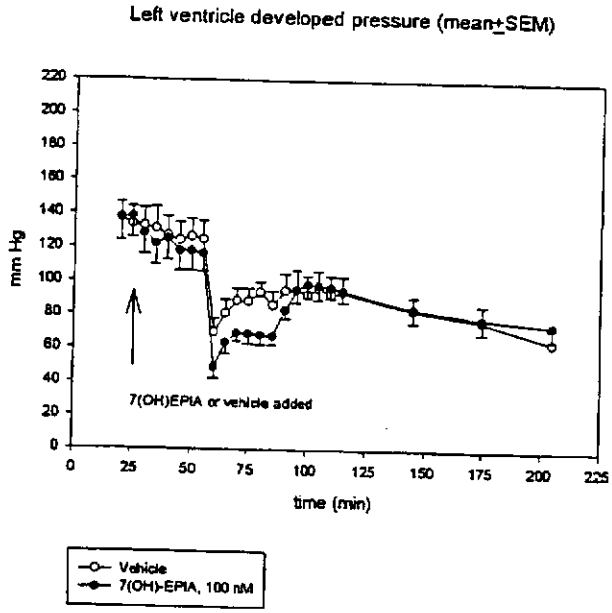



**Figure 5**

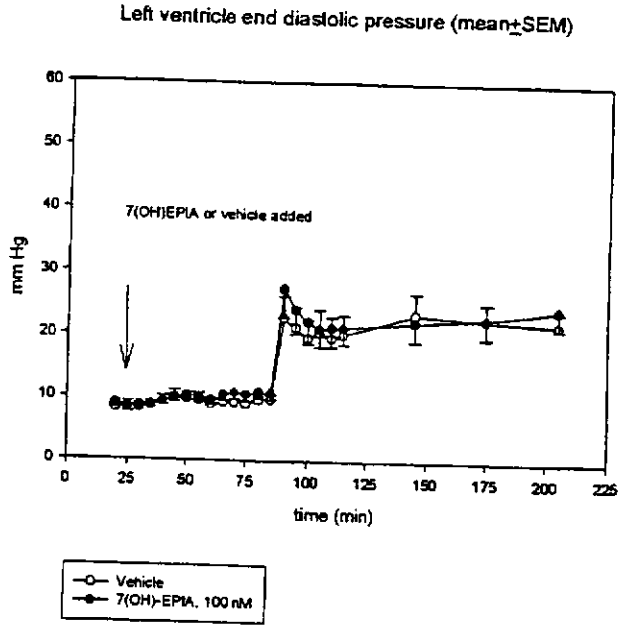

Left ventricle end diastolic pressure (mean±SEM)
7(OH)EPIA or vehicle added
mm Hg
time (min)
Vehicle
7(OH)-EPIA, 100 nM

**Figure 6**