FIG. 1A

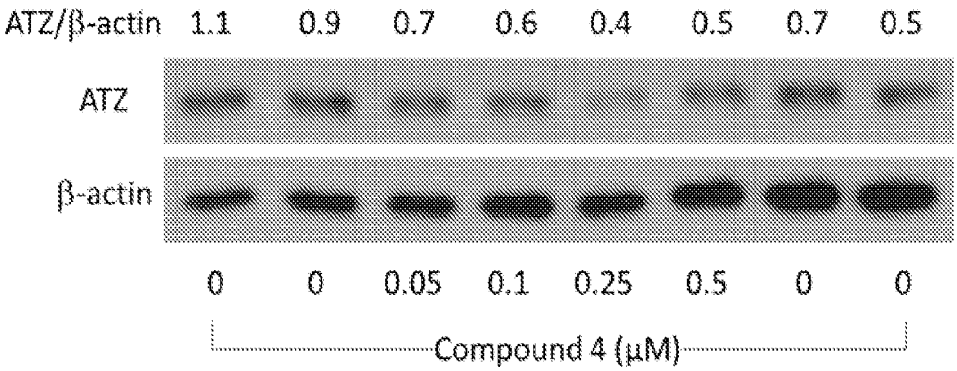

ATZ/β-actin 1.1 0.9 0.7 0.6 0.4 0.5 0.7 0.5
ATZ
β-actin
0 0 0.05 0.1 0.25 0.5 0 0
Compound 4 (μM)

FIG. 1B

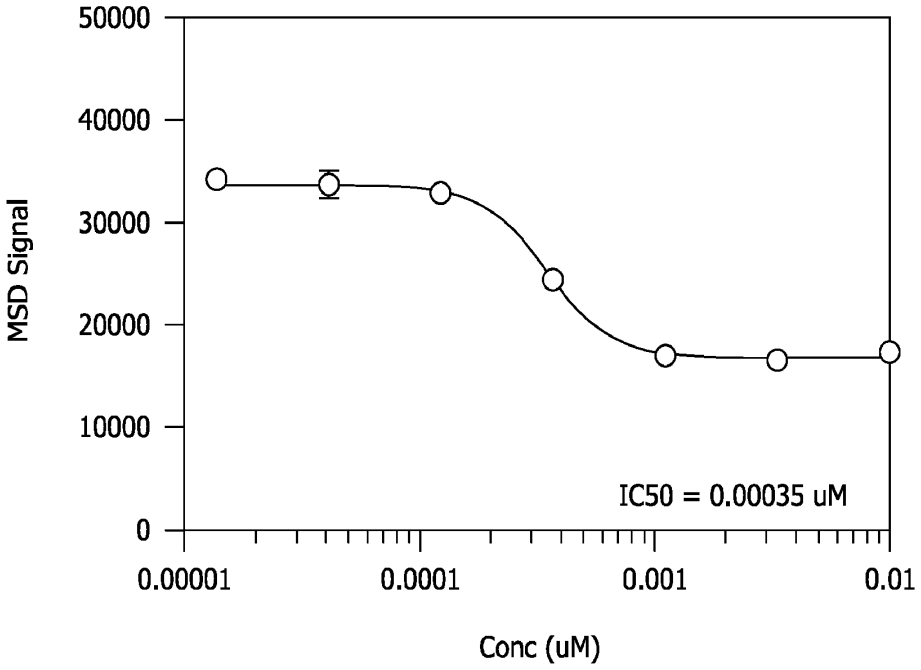

50000
40000
30000
20000
10000
0
MSD Signal
IC50 = 0.00035 uM
0.00001
0.0001
0.001
0.01
Conc (uM)

FIG. 2A

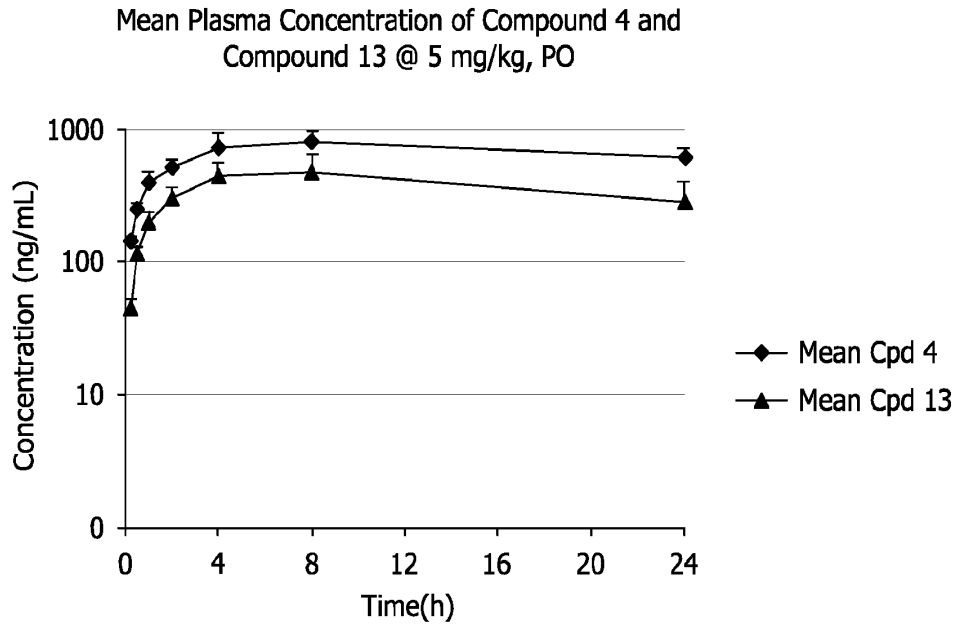

Mean Plasma Concentration of Compound 4 and Compound 13 @ 5 mg/kg, PO
Concentration (ng/mL)
1000
100
10
0
0
4
8
12
16
20
24
Time(h)
Mean Cpd 4
Mean Cpd 13

FIG. 2B

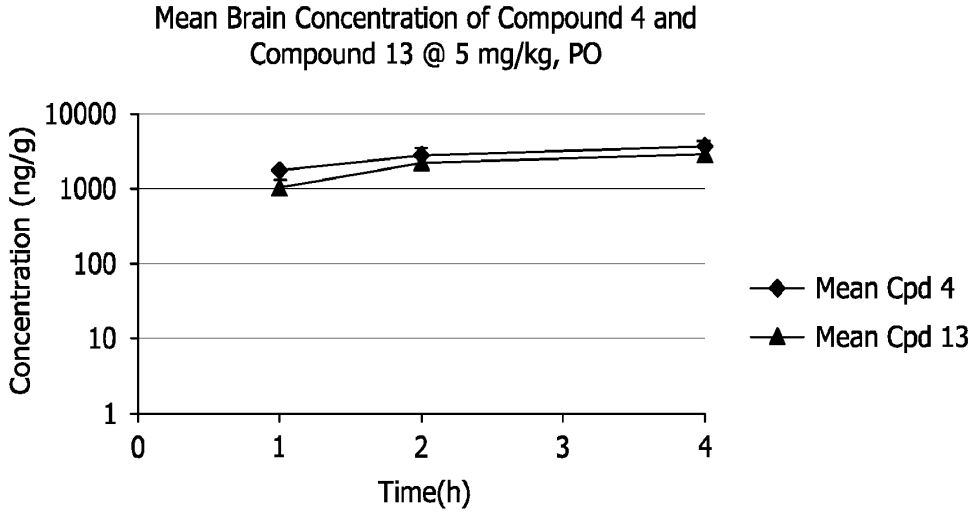

Mean Brain Concentration of Compound 4 and Compound 13 @ 5 mg/kg, PO
Concentration (ng/g)
10000
1000
100
10
1
0
1
2
3
4
Time(h)
Mean Cpd 4
Mean Cpd 13

FIG. 2C

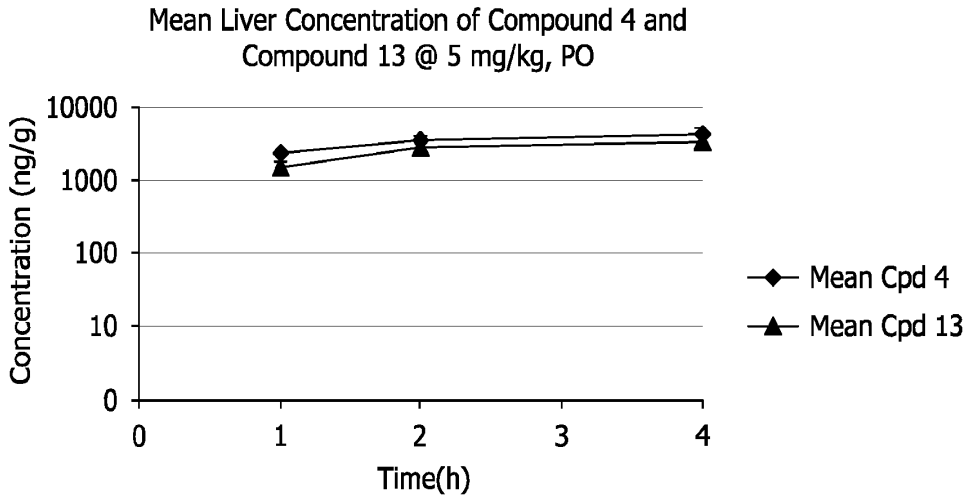

Mean Liver Concentration of Compound 4 and Compound 13 @ 5 mg/kg, PO
Concentration (ng/g)
10000
1000
100
10
0
0
1
2
3
4
Time(h)
Mean Cpd 4
Mean Cpd 13

FIG. 2D

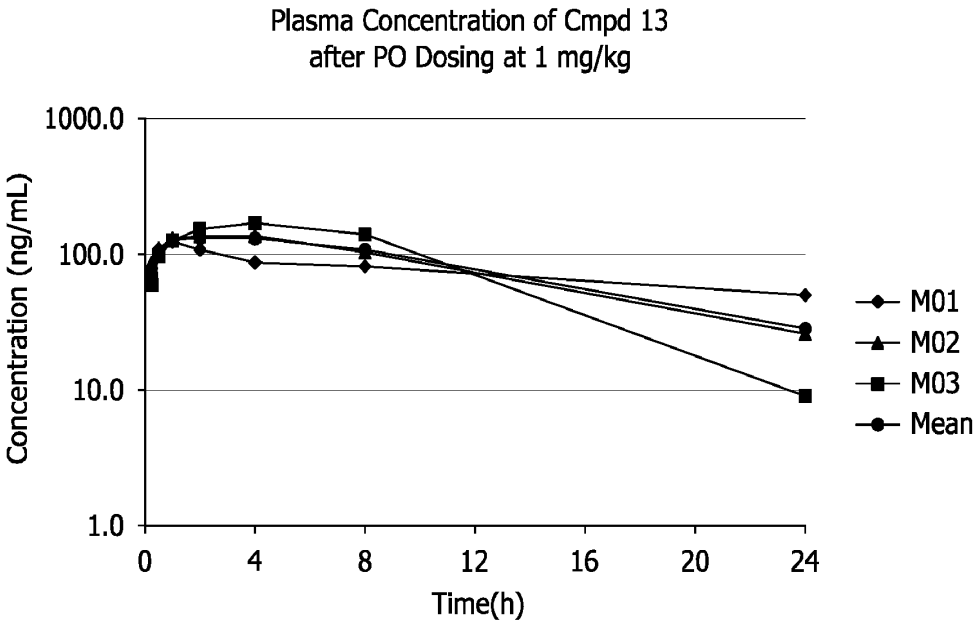
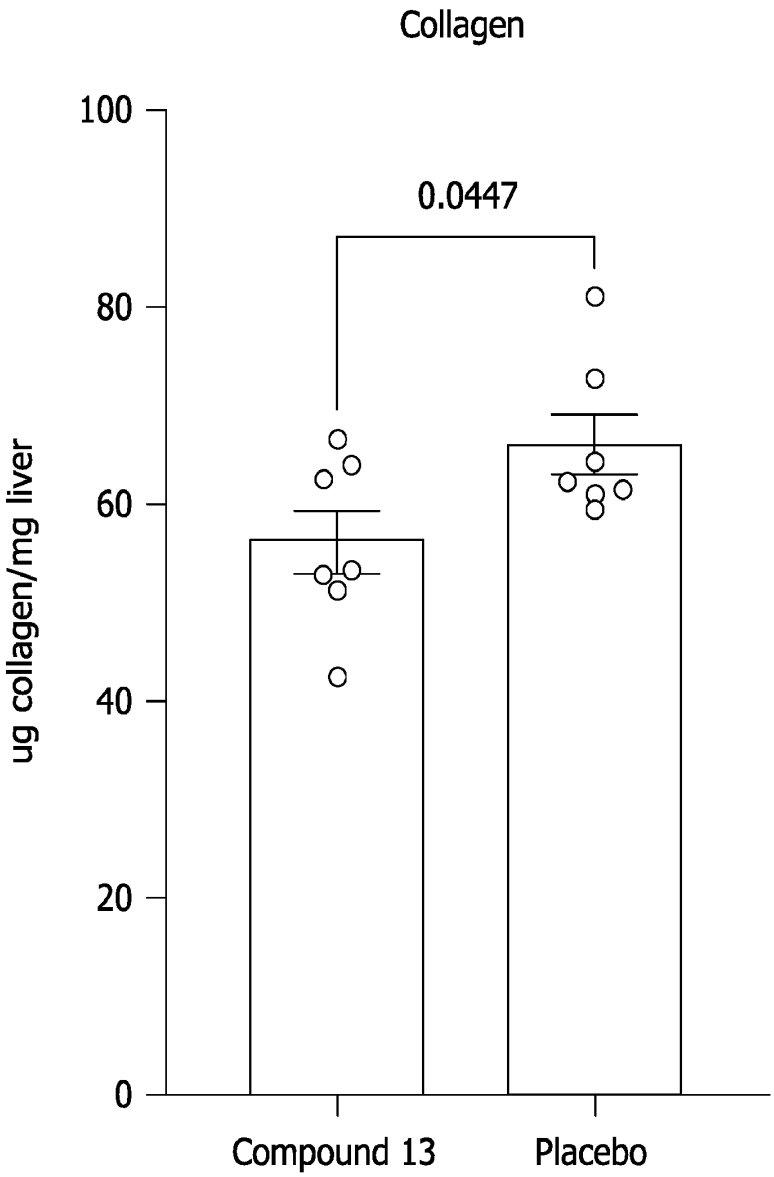

Plasma Concentration of Cmpd 13 after PO Dosing at 1 mg/kg
Concentration (ng/mL)
1000.0
100.0
10.0
1.0
0
4
8
12
16
20
24
Time(h)
M01
M02
M03
Mean

FIG. 3


Collagen
100
80
60
40
20
0
0.0447
ug collagen/mg liver
Compound 13
Placebo

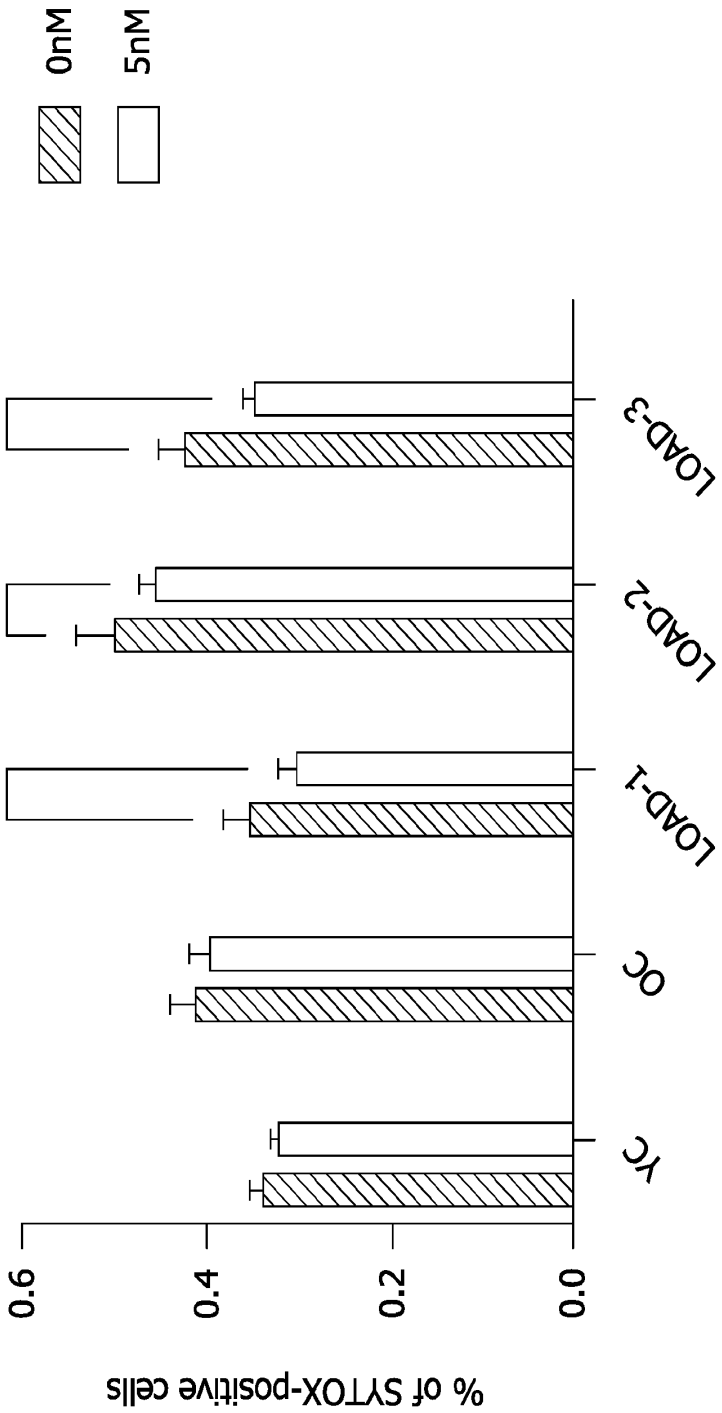

0nM
5nM
LOAD-3
LOAD-2
LOAD-1
OC
YC
***
*
**
0.6
0.4
0.2
0.0
% of SYTOX-positive cells

FIG. 4

FIG. 5

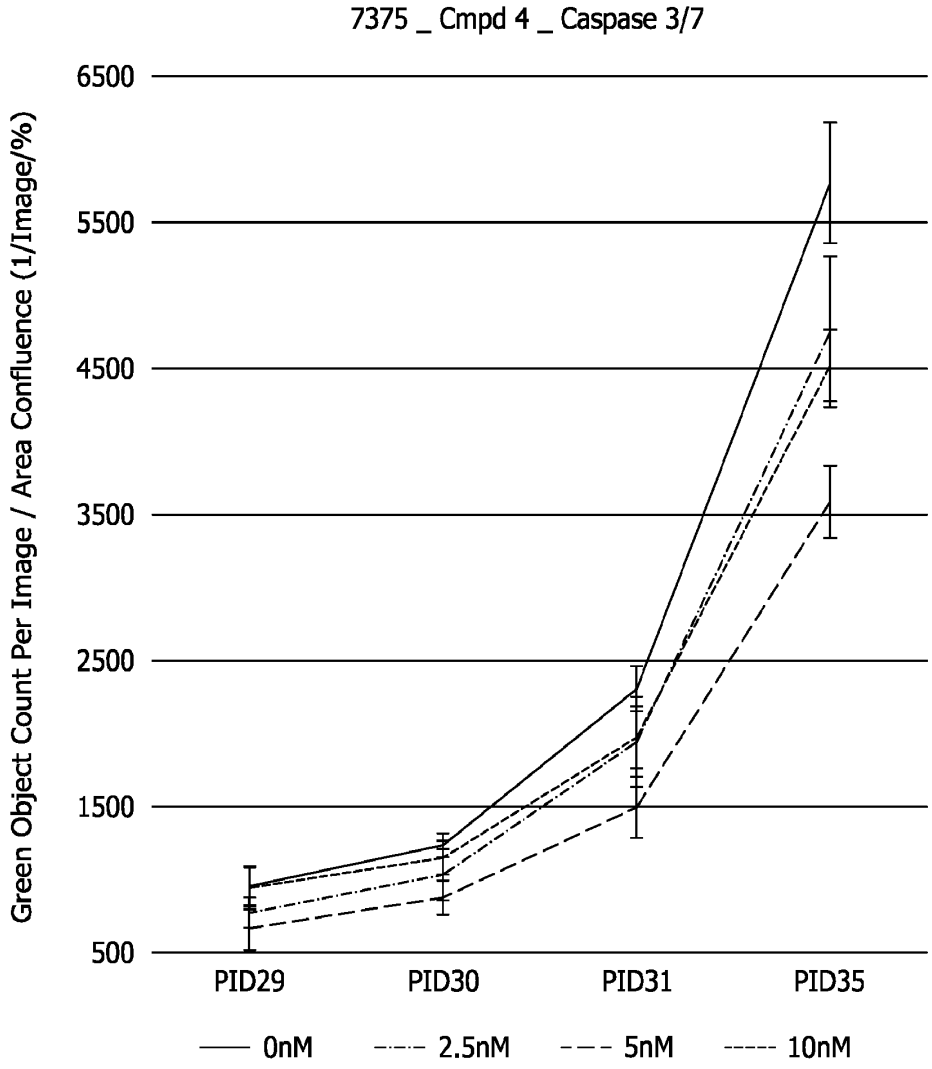
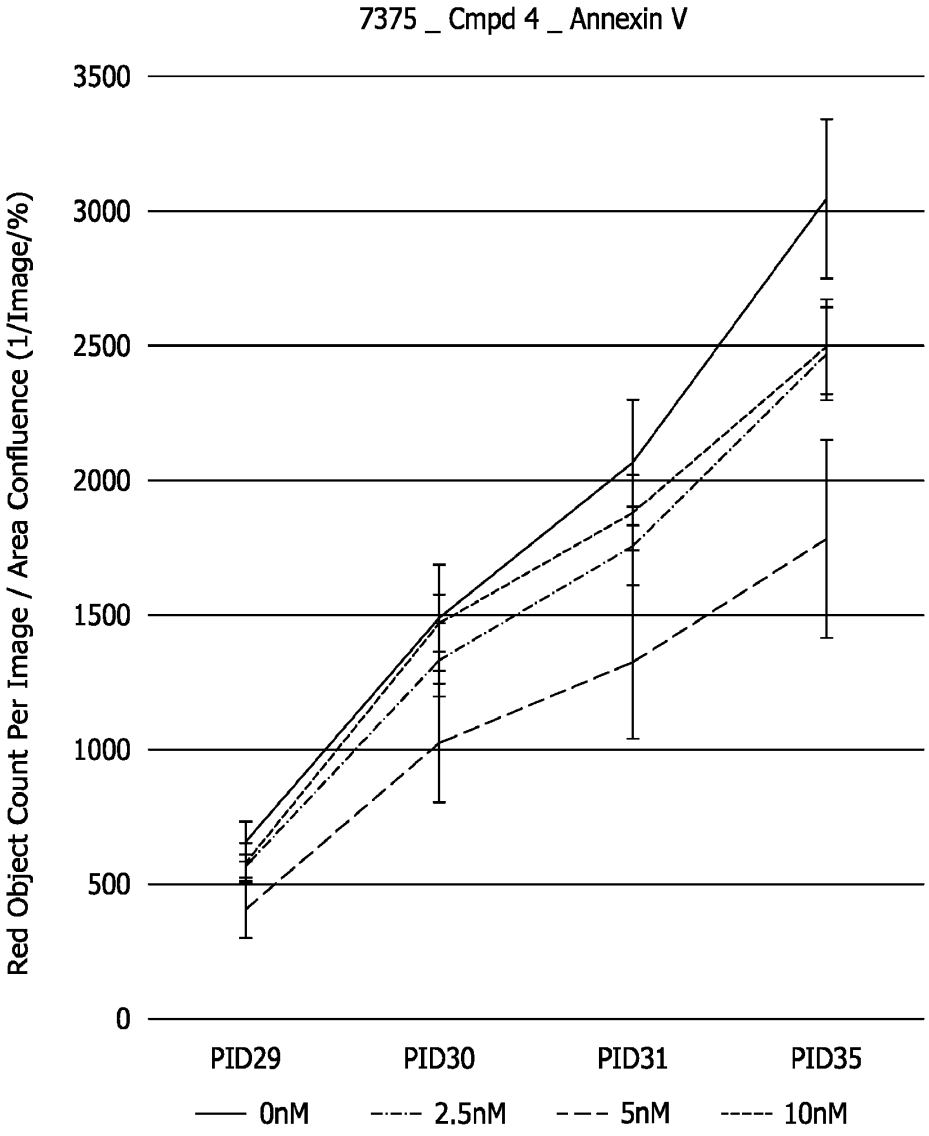

7375 _ Cmpd 4 _ Caspase 3/7
Green Object Count Per Image / Area Confluence (1/Image/%)
6500
5500
4500
3500
2500
1500
500
PID29
PID30
PID31
PID35
0nM
2.5nM
5nM
10nM

FIG. 6


7375 _ Cmpd 4 _ Annexin V
Red Object Count Per Image / Area Confluence (1/Image/%)
3500
3000
2500
2000
1500
1000
500
0
PID29
PID30
PID31
PID35
0nM
2.5nM
5nM
10nM