Fig. 1

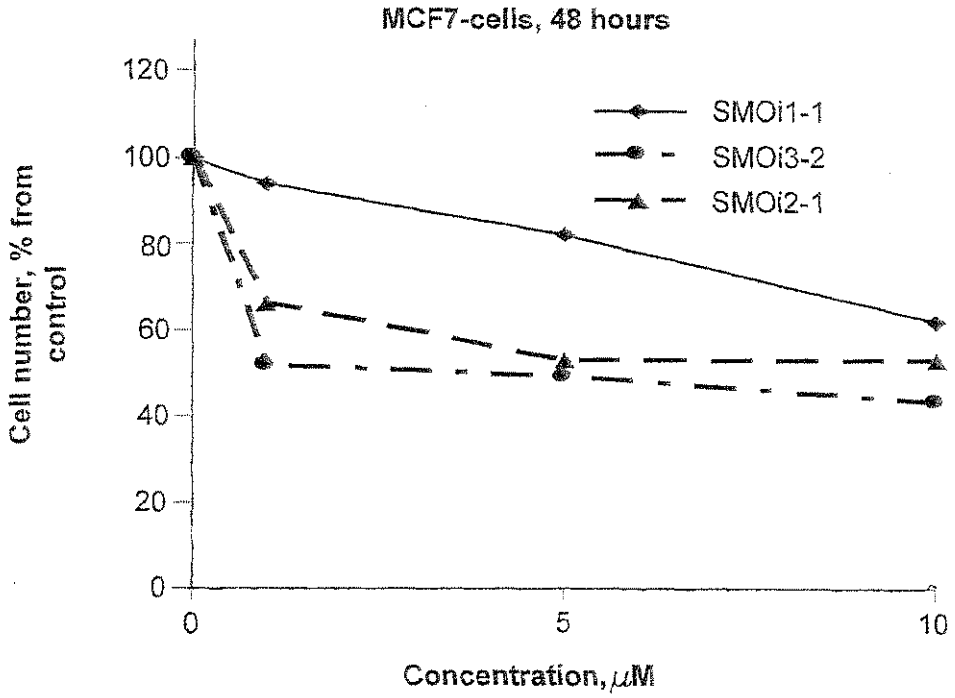

MCF7-cells, 48 hours
Cell number, % from control
120
100
80
60
40
20
0
0
5
10
Concentration, μM
SMOi1-1
SMOi3-2
SMOi2-1

Fig. 2

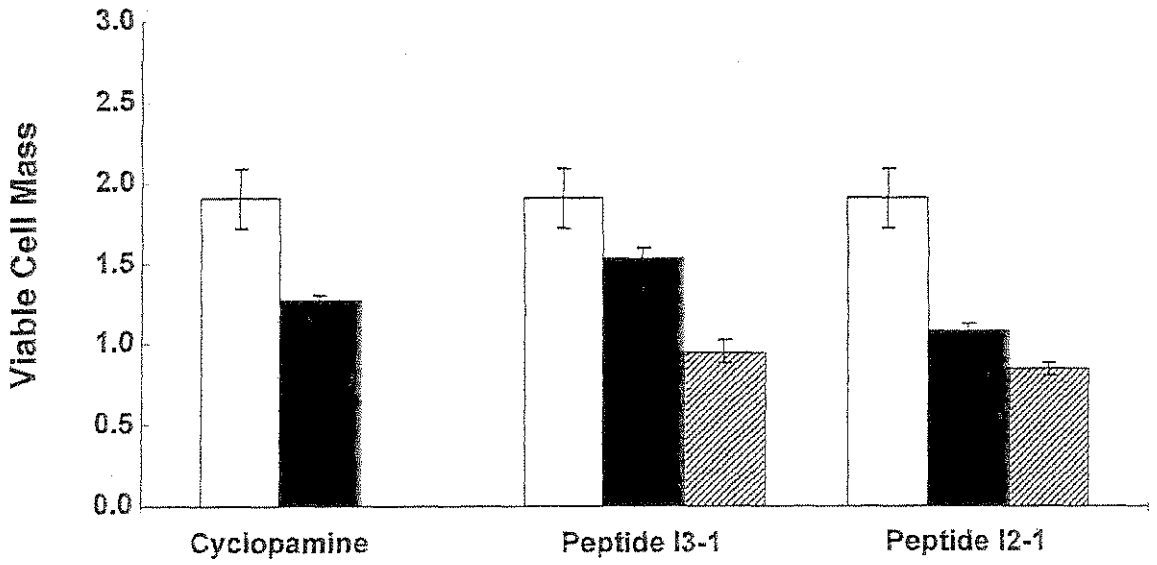

Viable Cell Mass
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Cyclopamine
Peptide I3-1
Peptide I2-1

Fig. 3

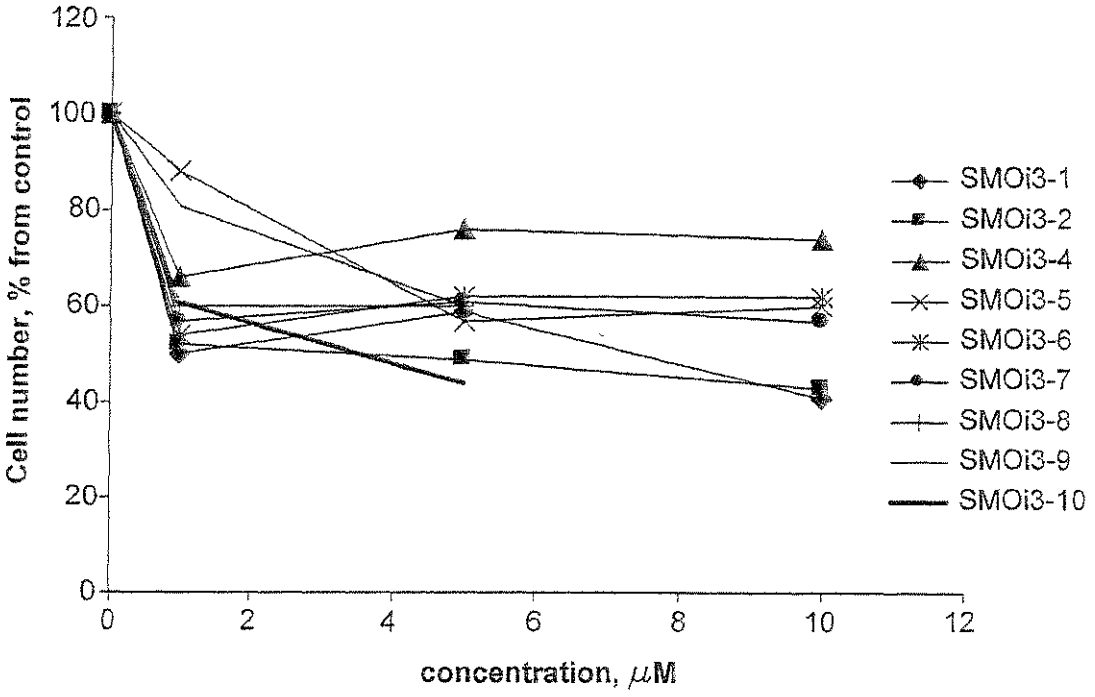

120
100
80
60
40
20
0
Cell number, % from control
0
2
4
6
8
10
12
concentration, μM
SMOi3-1
SMOi3-2
SMOi3-4
SMOi3-5
SMOi3-6
SMOi3-7
SMOi3-8
SMOi3-9
SMOi3-10

Fig. 4

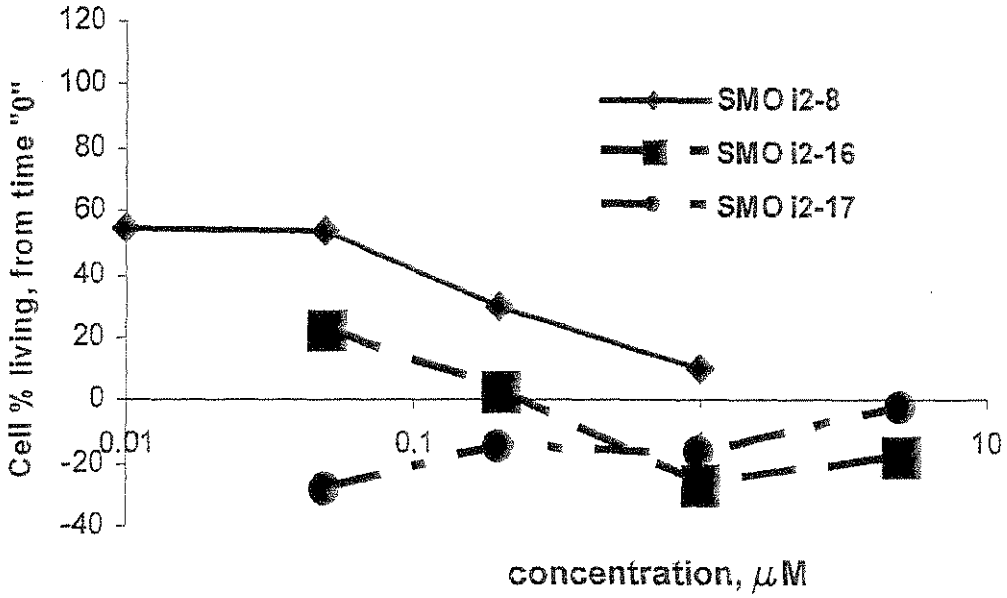

120
100
80
60
40
20
0
-20
-40
Cell % living, from time "0"
0.01
0.1
10
concentration, μM
SMO i2-8
SMO i2-16
SMO i2-17

Fig. 5

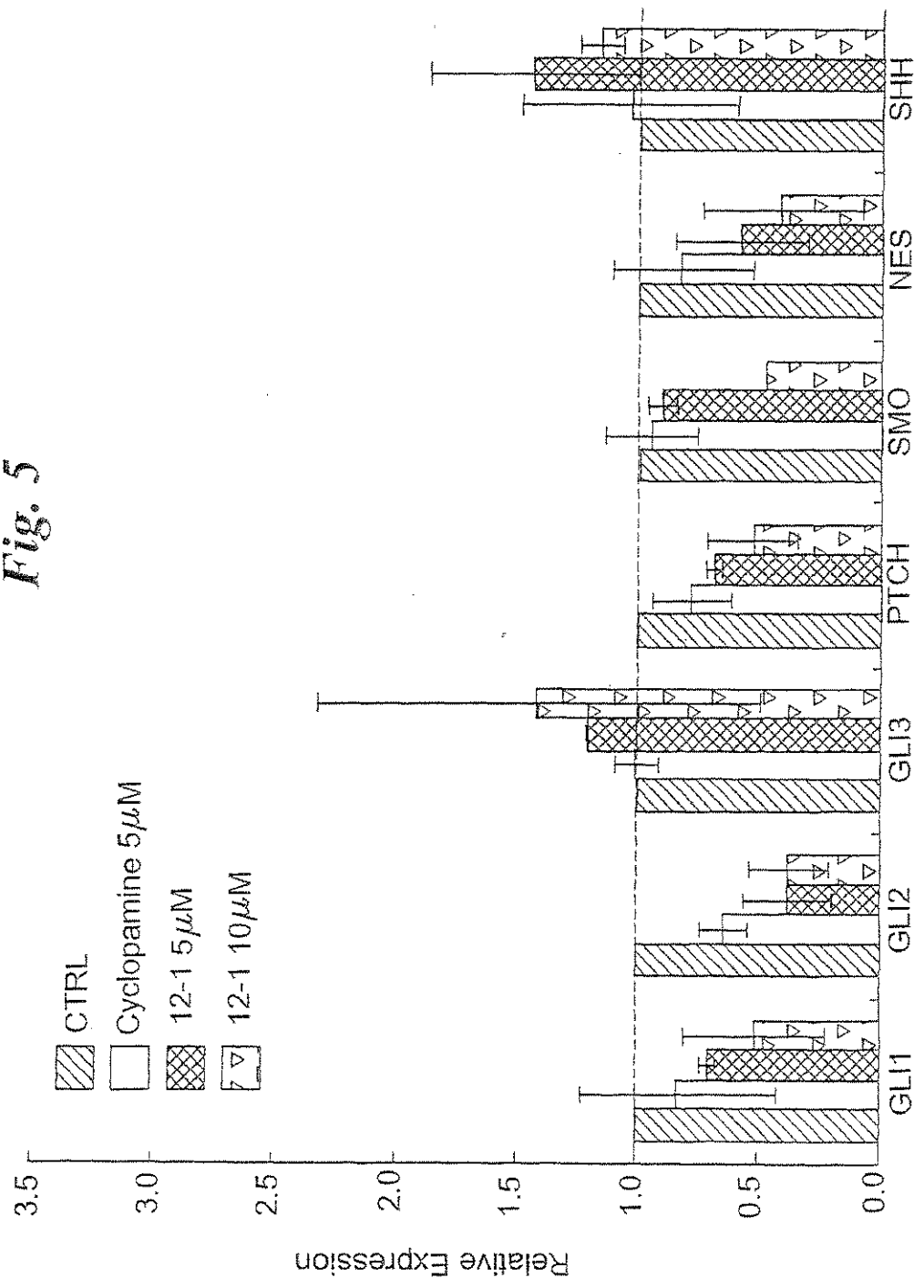

CTRL
Cyclopamine 5μM
12-1 5μM
12-1 10μM
Relative Expression
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
GLI1
GLI2
GLI3
PTCH
SMO
NES
SHH

Fig. 6

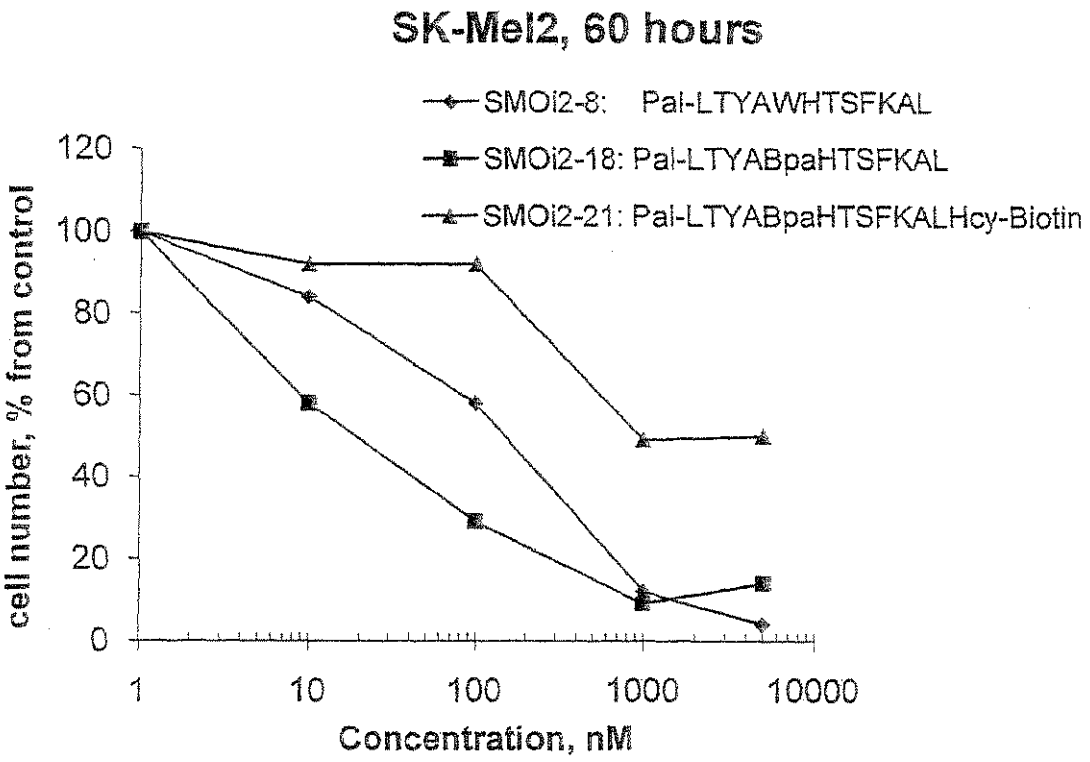

SK-Mel2, 60 hours
SMOi2-8: Pal-LTYAWHTSFKAL
SMOi2-18: Pal-LTYABpaHTSFKAL
SMOi2-21: Pal-LTYABpaHTSFKALHcy-Biotin
cell number, % from control
120
100
80
60
40
20
0
1
10
100
1000
10000
Concentration, nM

Fig. 7

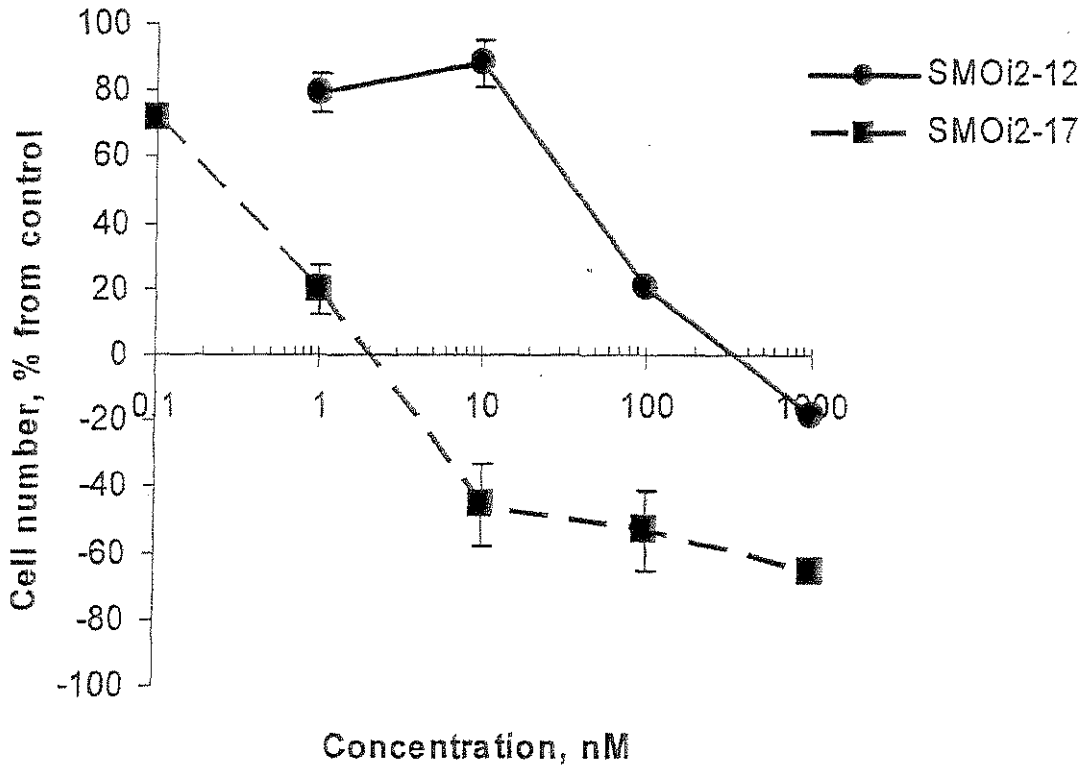

100
80
60
40
20
0
-20
-40
-60
-80
-100
0.1
1
10
100
1000
Cell number, % from control
Concentration, nM
SMOi2-12
SMOi2-17

Fig. 8

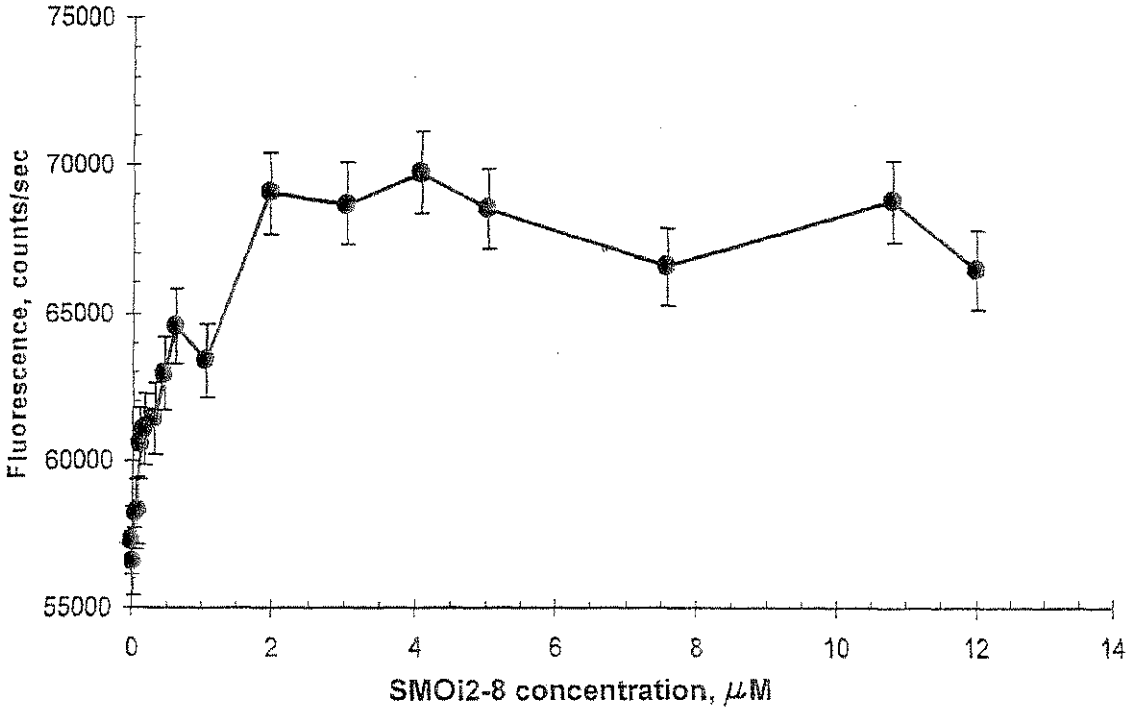

75000
70000
65000
60000
55000
Fluorescence, counts/sec
0
2
4
6
8
10
12
14
SMOi2-8 concentration, μM

Fig. 9

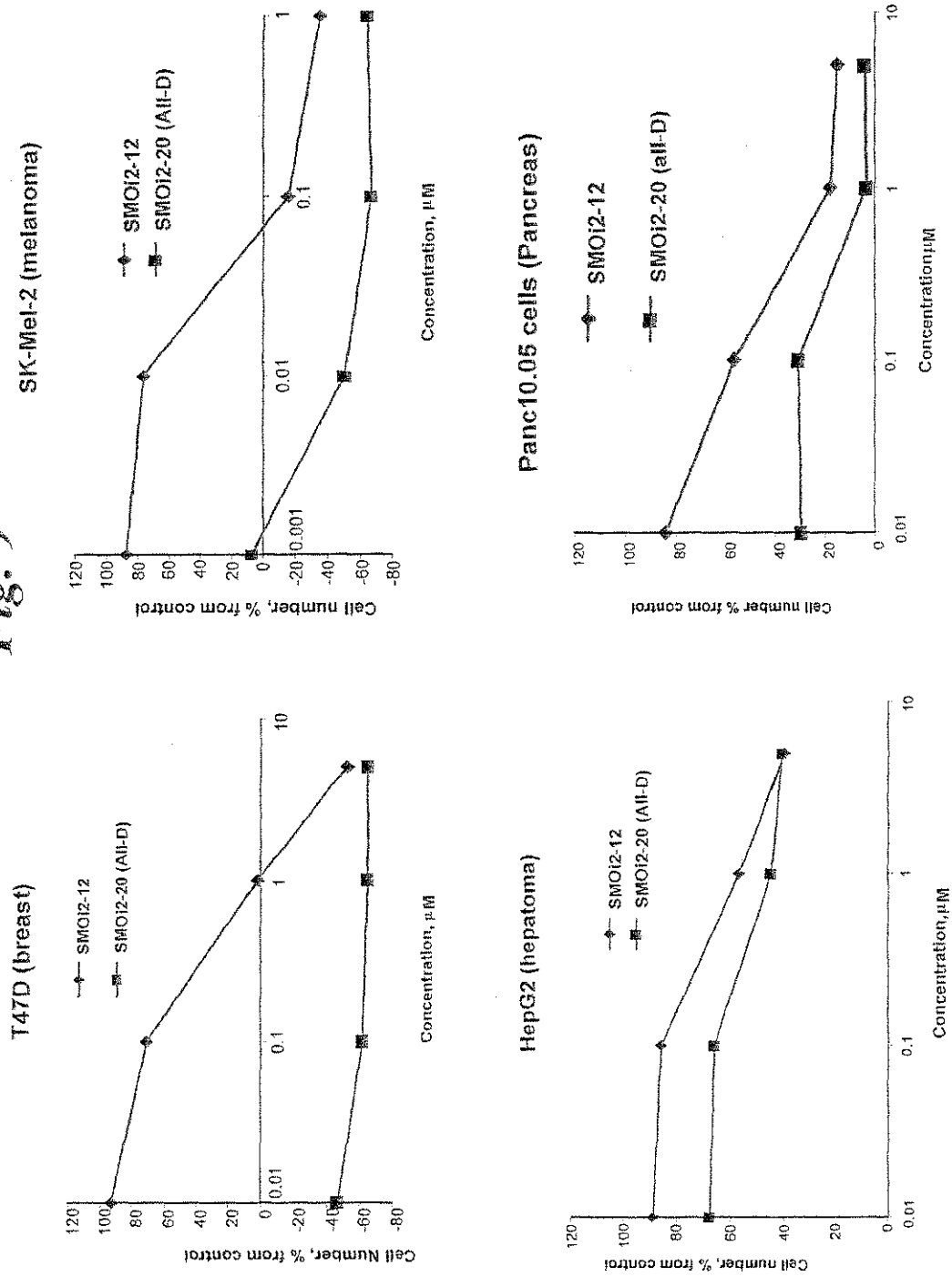
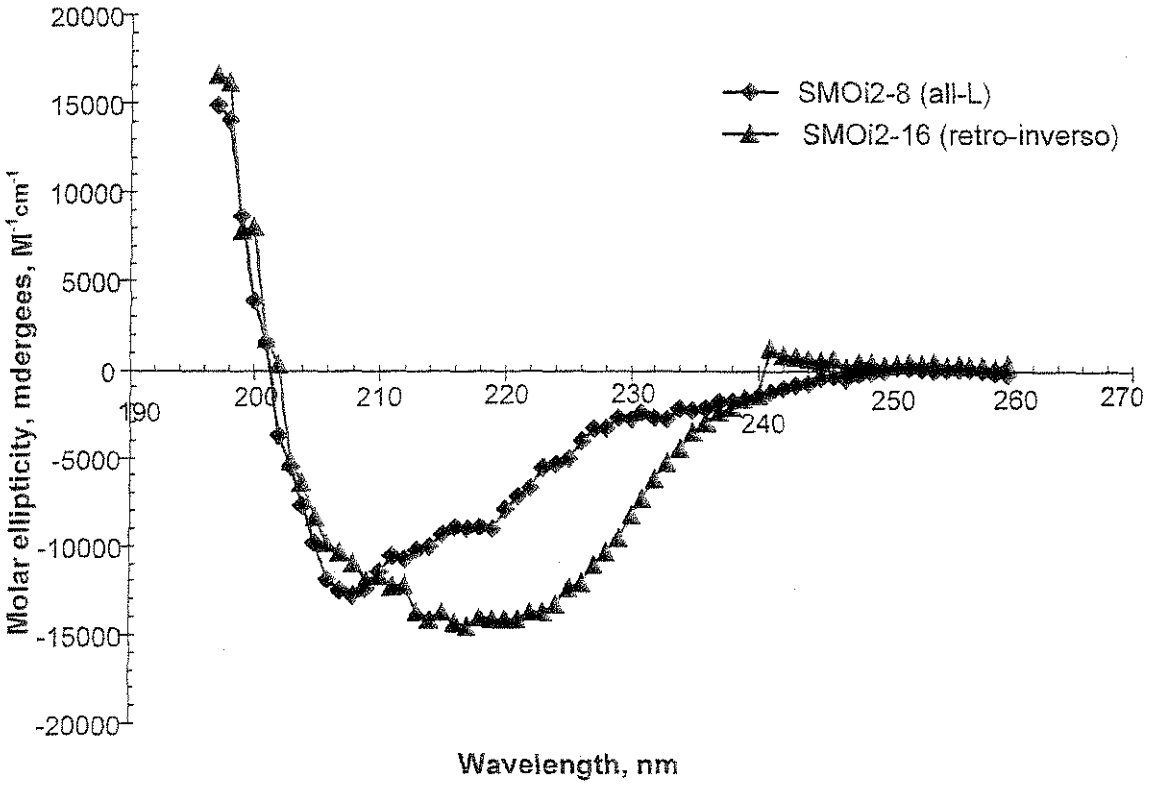

SK-Mel-2 (melanoma)
SMOi2-12
SMOi2-20 (All-D)
Cell number, % from control
Concentration, μM
Panc10.05 cells (Pancreas)
SMOi2-12
SMOi2-20 (all-D)
Cell number % from control
Concentration,μM
T47D (breast)
SMOi2-12
SMOi2-20 (All-D)
Cell Number, % from control
Concentration, μM
HepG2 (hepatoma)
SMOi2-12
SMOi2-20 (All-D)
Cell number, % from control
Concentration,μM

Fig. 10


SMOi2-8 (all-L)
SMOi2-16 (retro-inverso)
Molar ellipticity, mdergees, M-1cm-1
Wavelength, nm
20000
15000
10000
5000
0
-5000
-10000
-15000
-20000
190
200
210
220
230
240
250
260
270