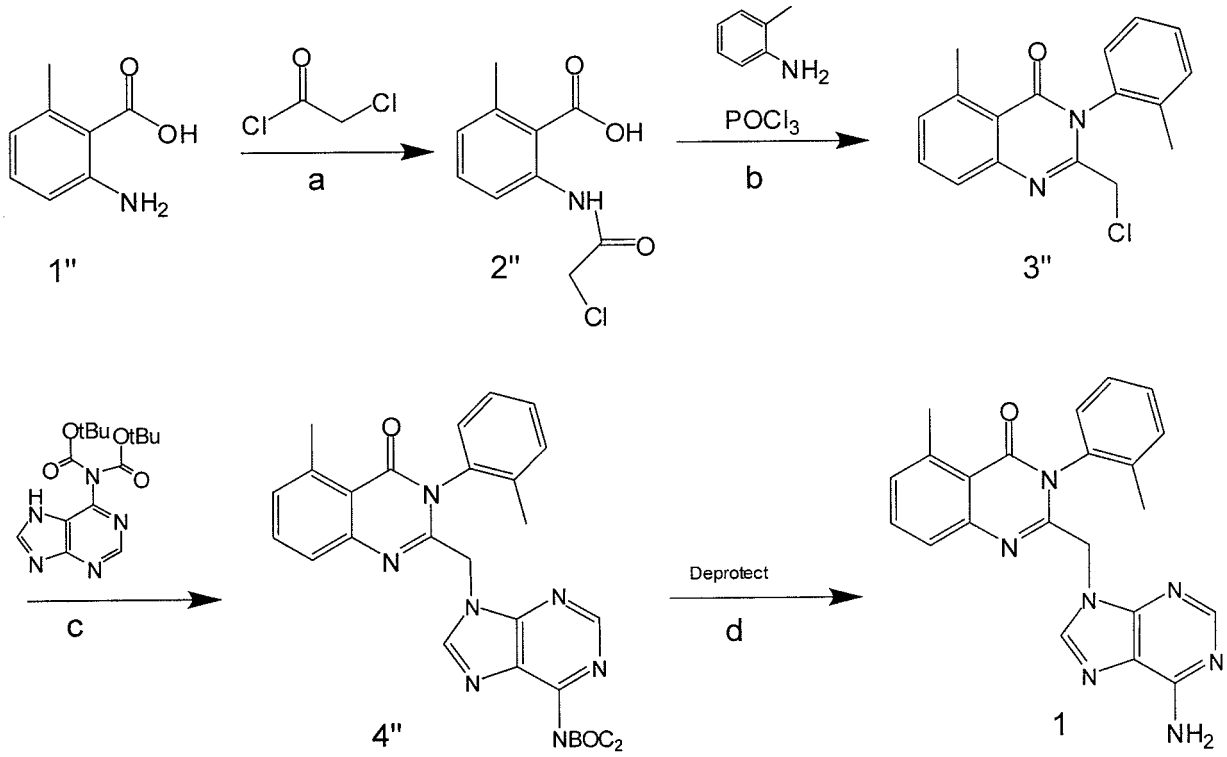


Figure 1

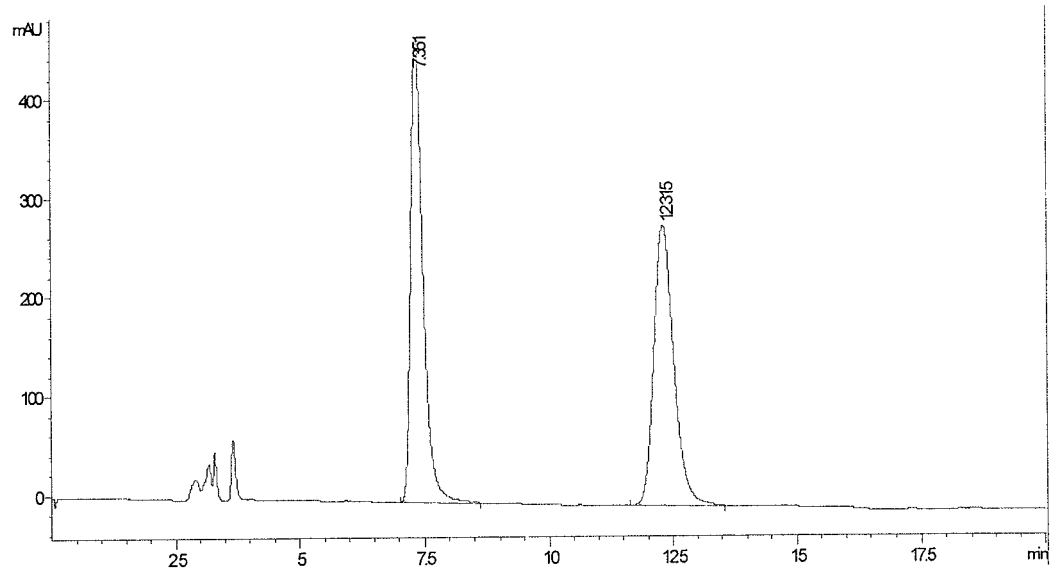


Figure 2A

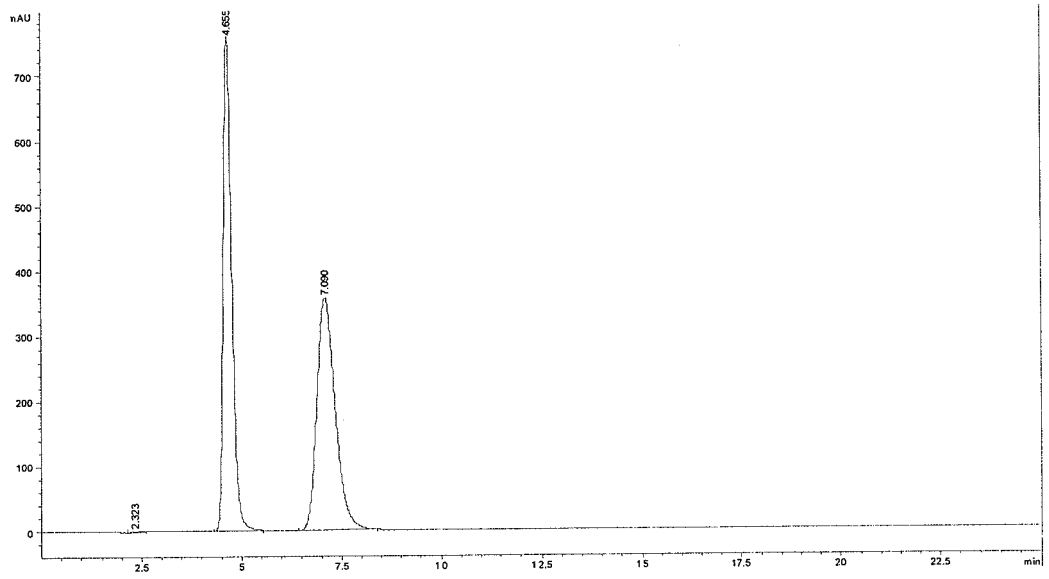


Figure 2B

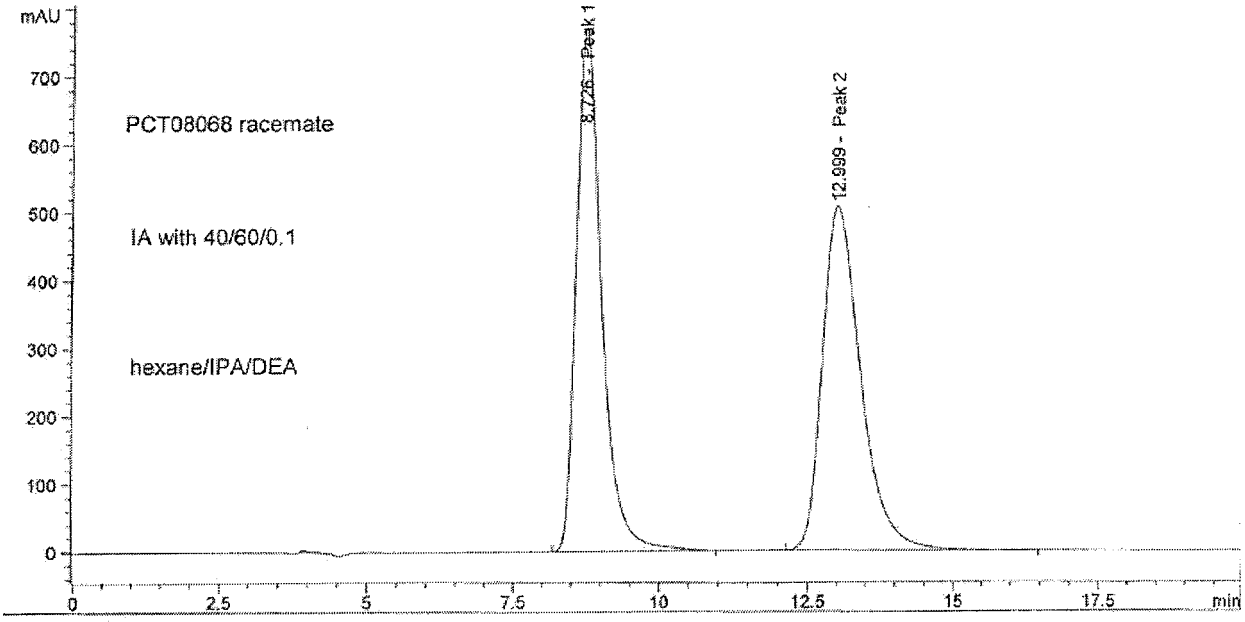


Figure 3A

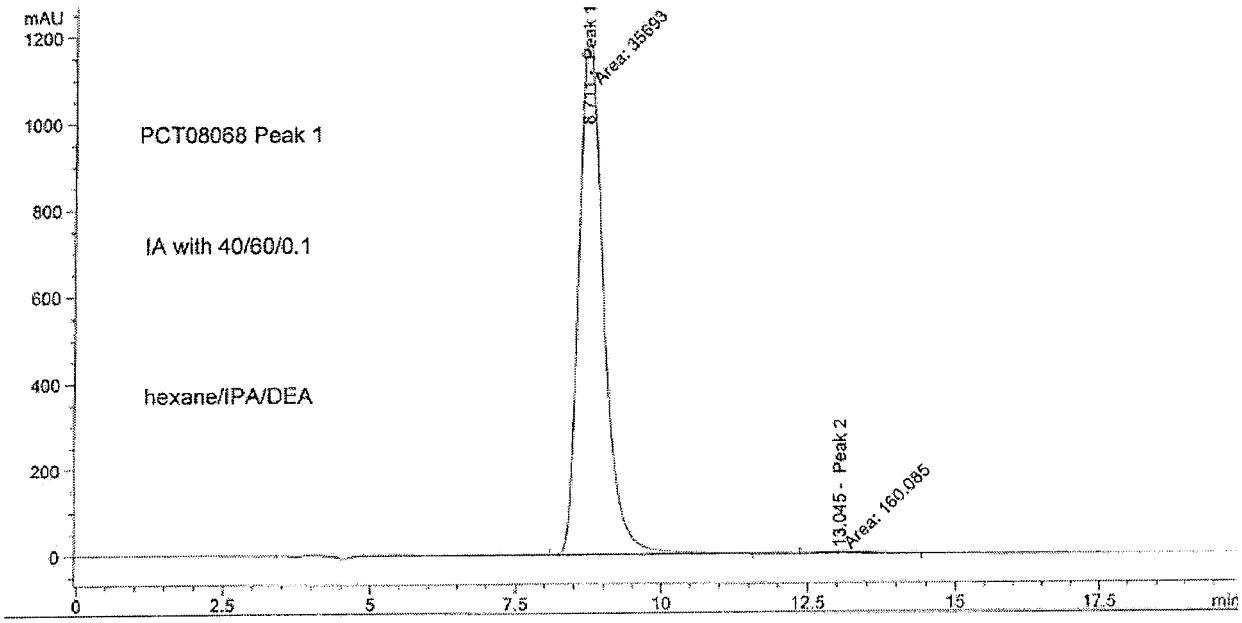


Figure 3B

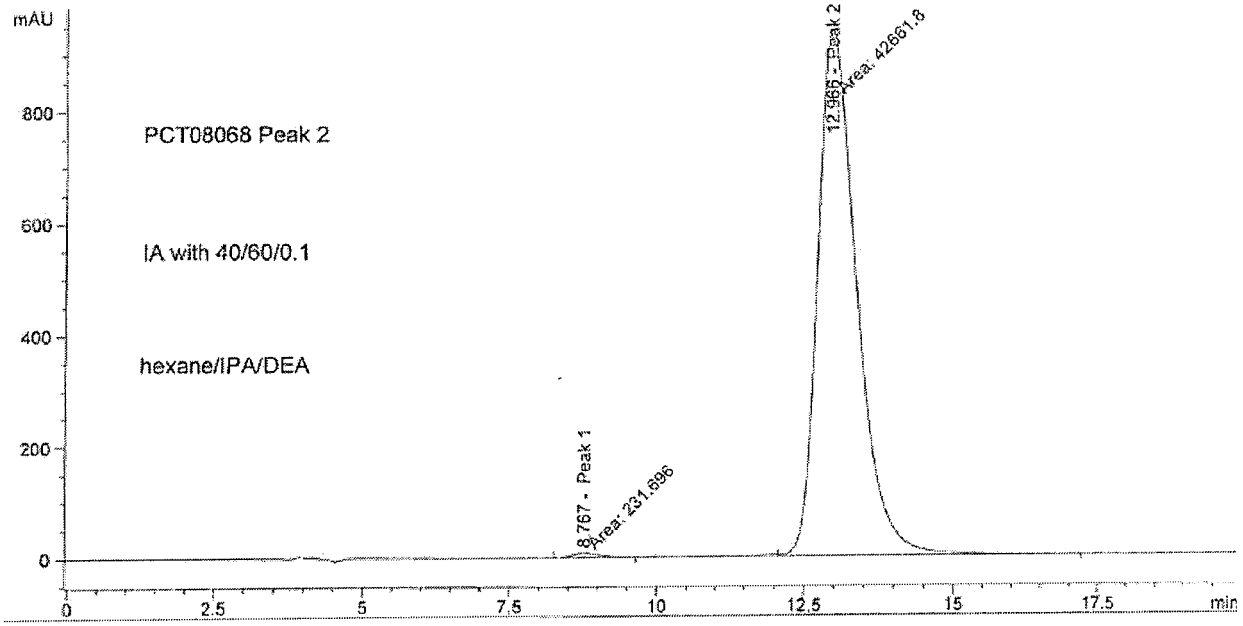


Figure 3C

Diluent	Sample	Solubility (mg/mL)	% of Compound 1
H_2O	1	0.005525	
	1 (R)	0.007540	136
	1 (S)	0.006393	116
pH 2	1	0.2898	
	1 (R)	0.4818	166
	1 (S)	0.3524	122
pH 4	1	0.01290	
	1 (R)	0.01987	154
	1 (S)	0.01473	114
pH 6	1	0.005527	
	1 (R)	0.009384	170
	1 (S)	0.006368	115
pH 8	1	0.005176	
	1 (R)	0.009213	178
	1 (S)	0.006114	118
PEG 400	1	4.554	
	1 (R)	4.073	89
	1 (S)	4.430	87

Figure 4

Compound		1	1 (S)	1 (R)
BioChemical IC_{50} (nM)	p110α	100,000	72,300	72,400
	p110β	20,400	3,175	2,490
	p110δ	18.4	19.3	21.6
	p110γ	4,410	895	1,040

Figure 5A

Compound		1	1 (S)	1 (R)
Cell-based assay EC_{50} (nM)	p110α	>20,000	>20,000	>20,000
	p110δ	2,500	1,600	800
	p110γ	20,000	ND	ND

Figure 5B

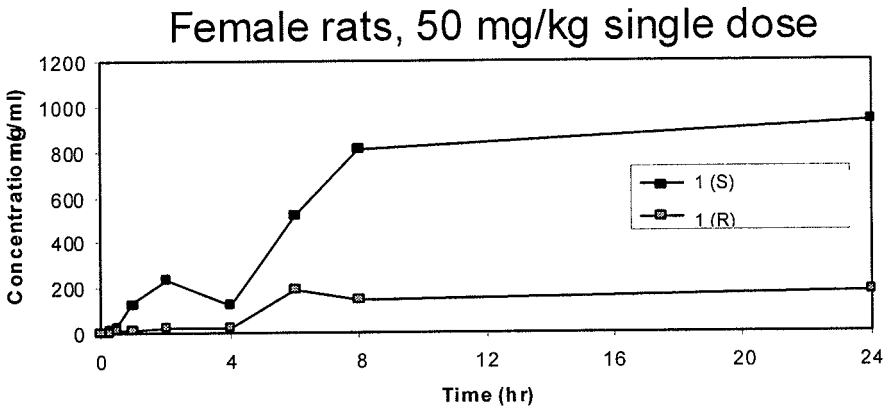


Figure 6

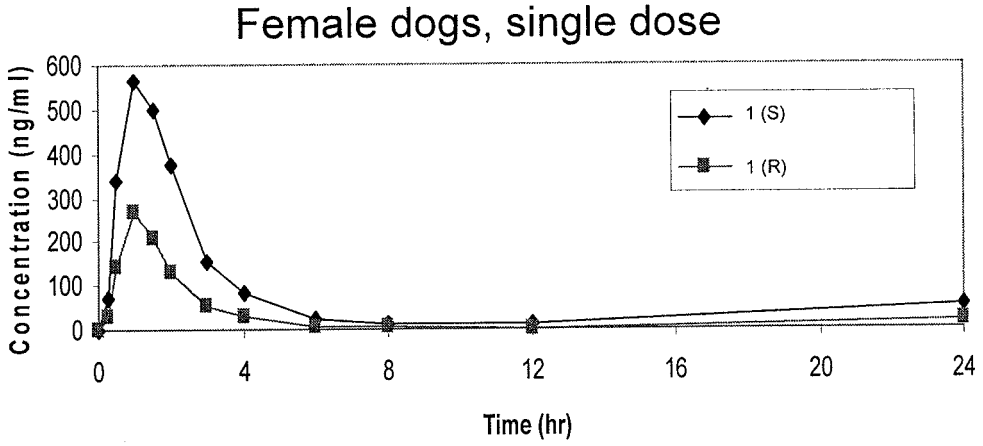


Figure 7

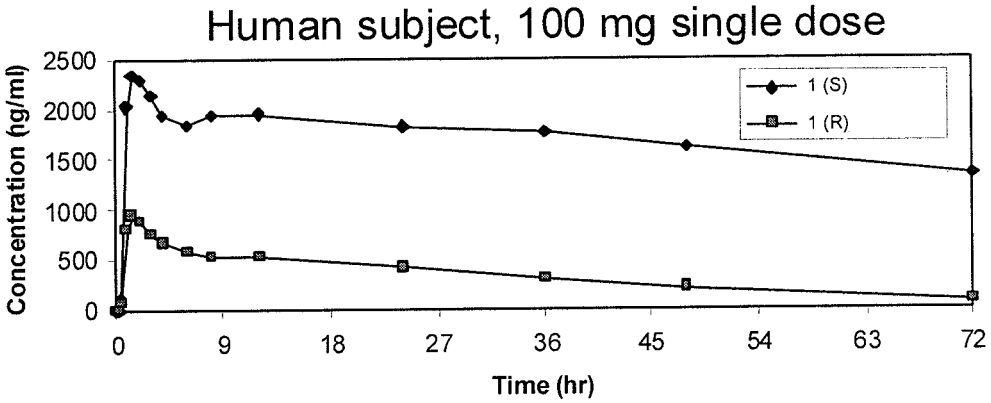


Figure 8

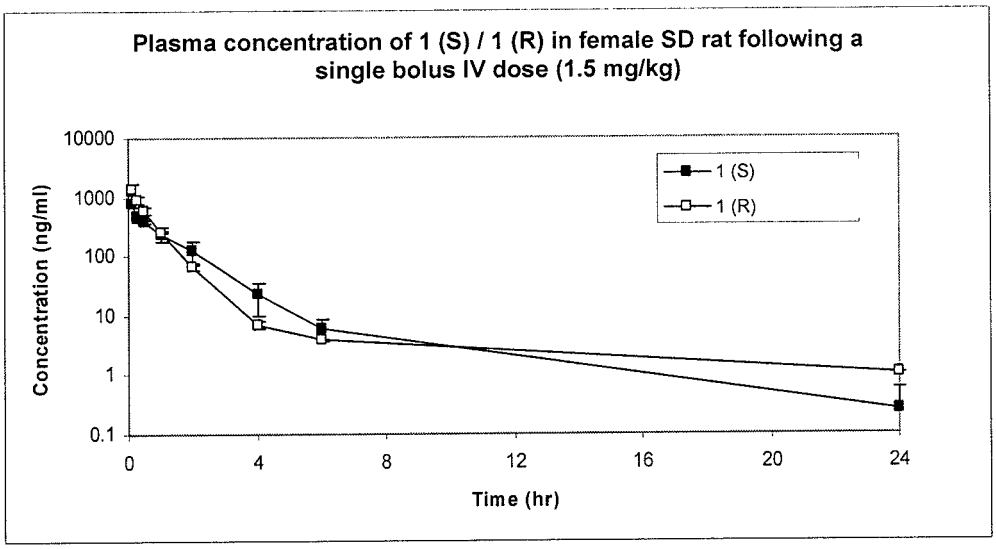


Figure 9A

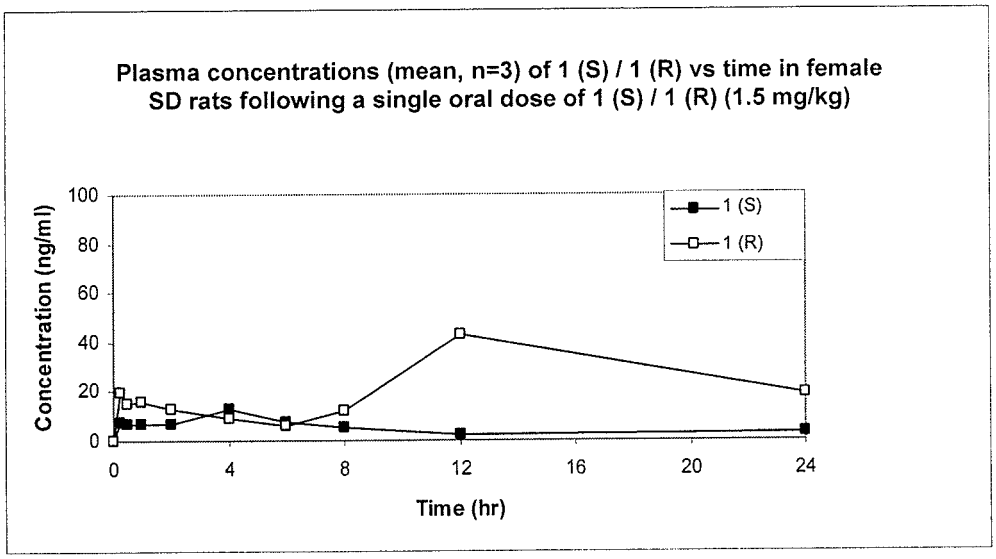
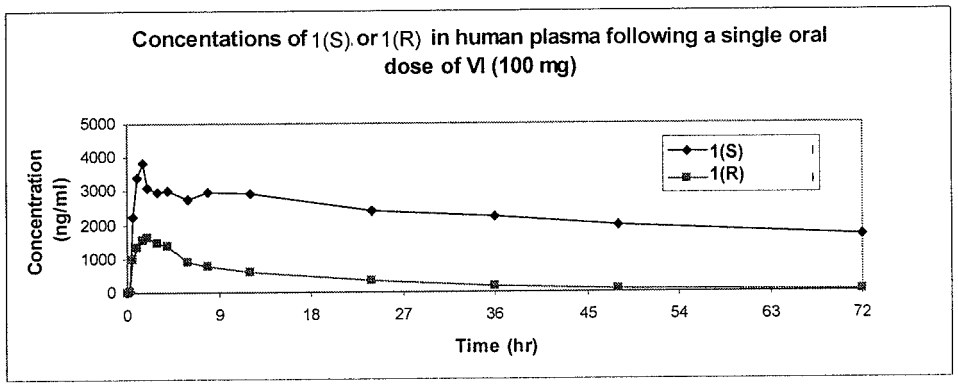
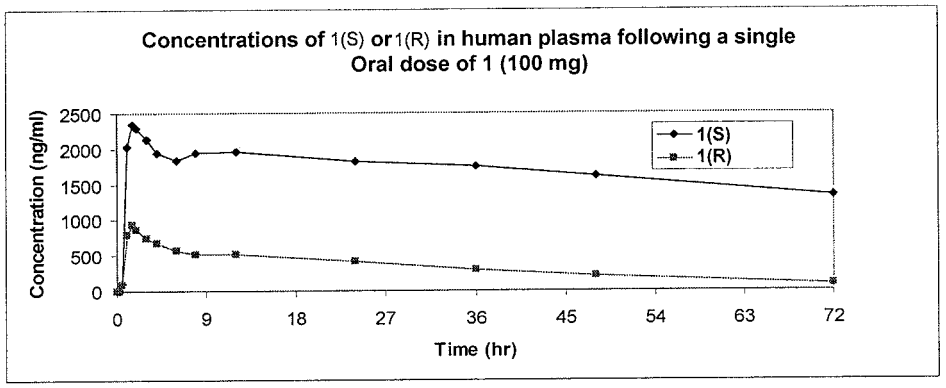


Figure 9B

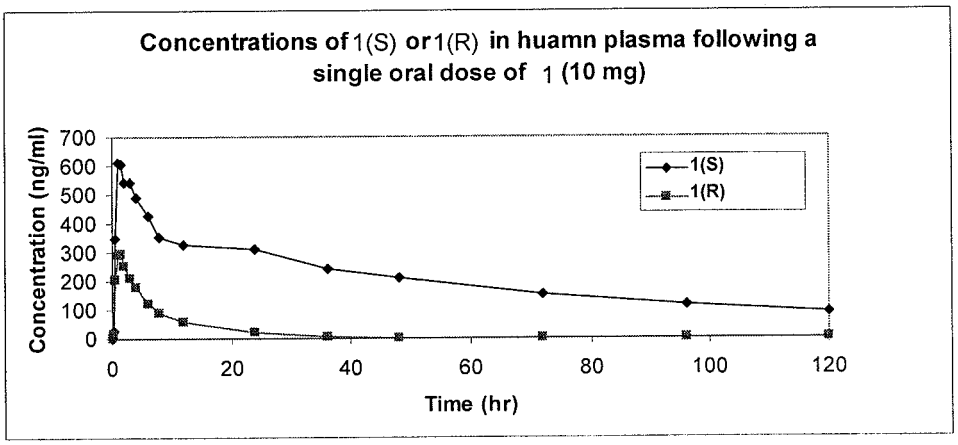
A



B



C



D

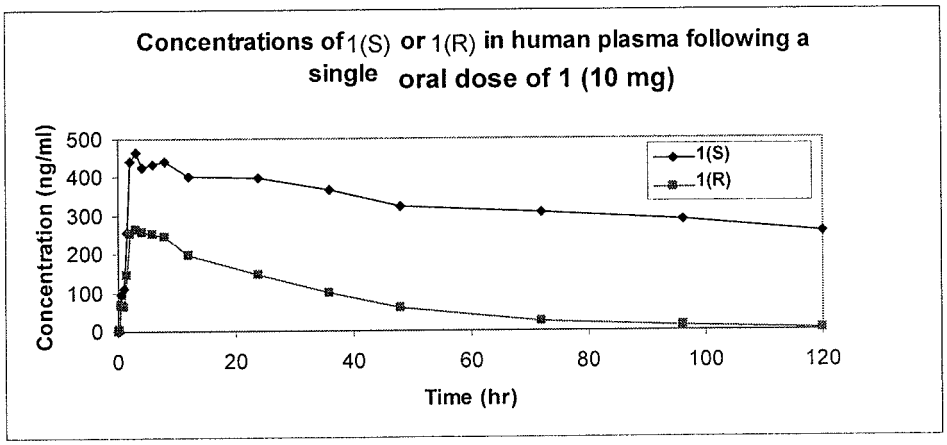


FIGURE 10

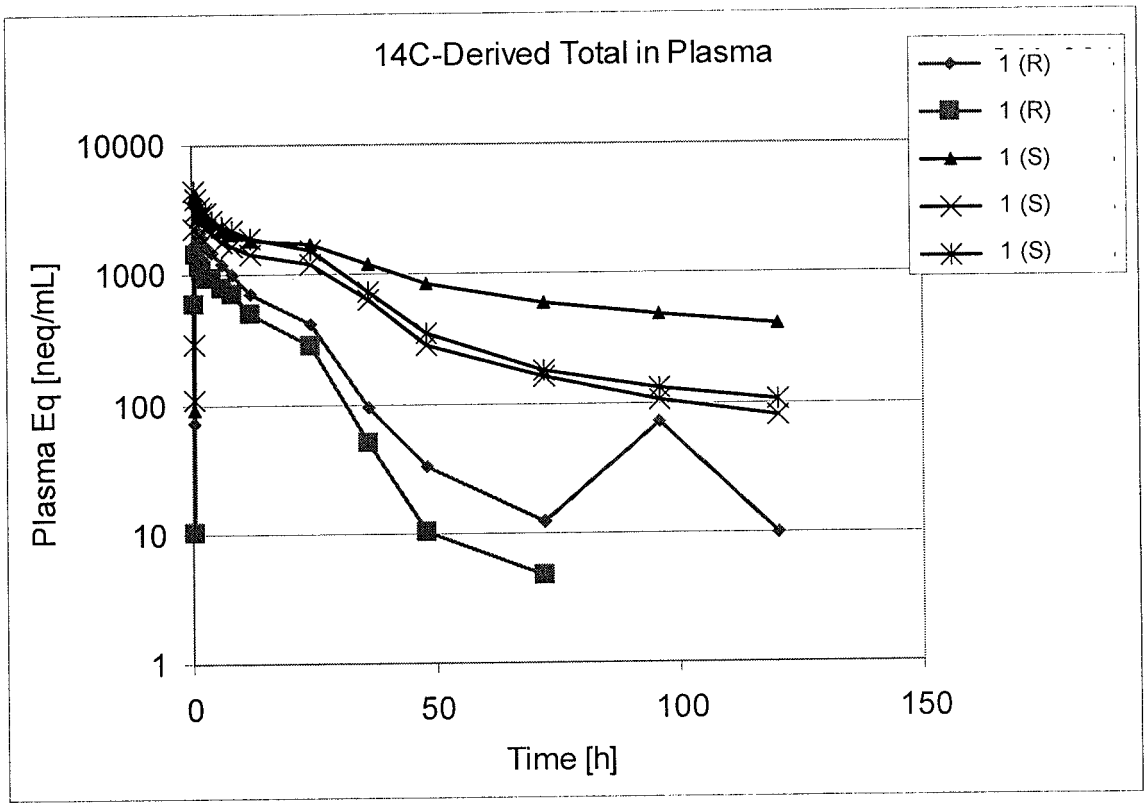
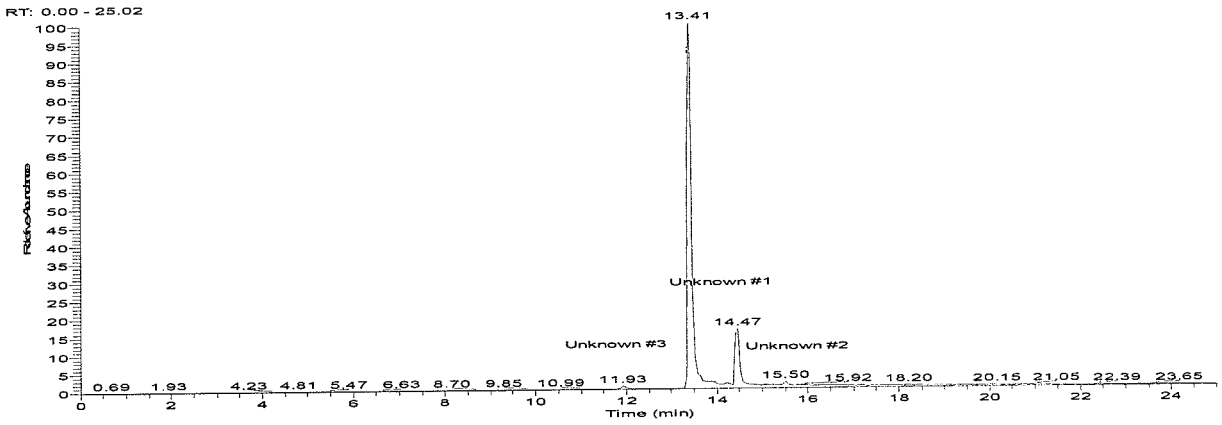

14C-Derived Total in Plasma
1 (R)
1 (R)
1 (S)
1 (S)
1 (S)
10000
1000
100
10
1
Plasma Eq [neq/mL]
0
50
100
150
Time [h]

FIGURE 11

A


RT: 0.00 - 25.02
Relative Abundance
Time (min)
13.41
Unknown #1
14.47
Unknown #3
Unknown #2
0.69
1.93
4.23
4.81
5.47
6.63
8.70
9.85
10.99
11.93
15.50
15.92
18.20
20.15
21.05
22.39
23.65

B

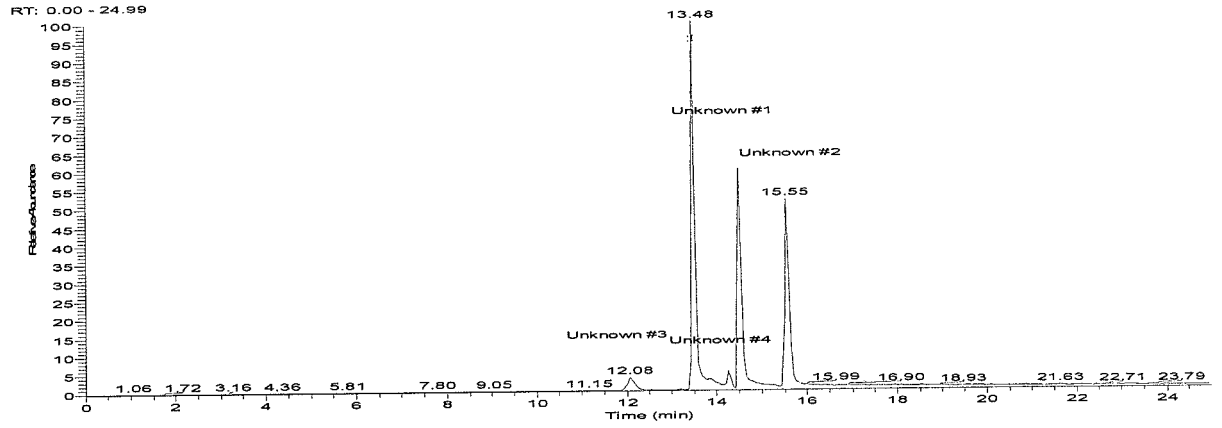
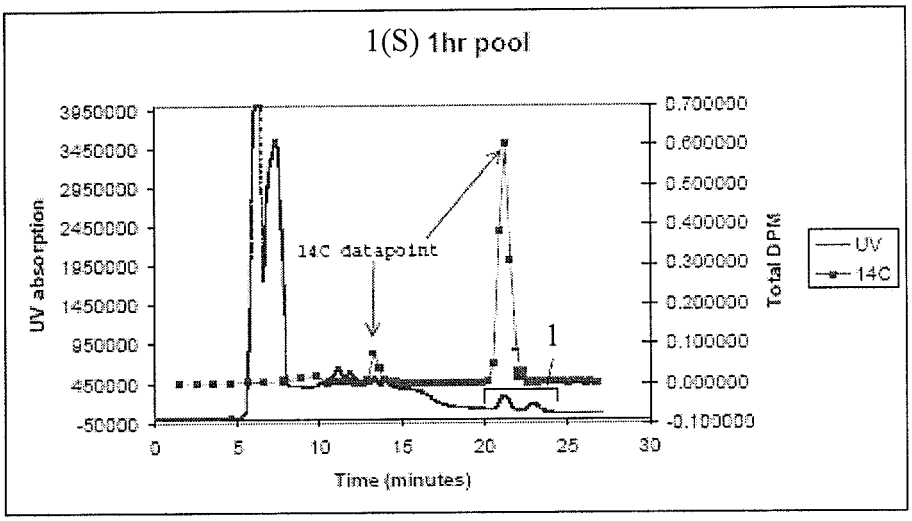
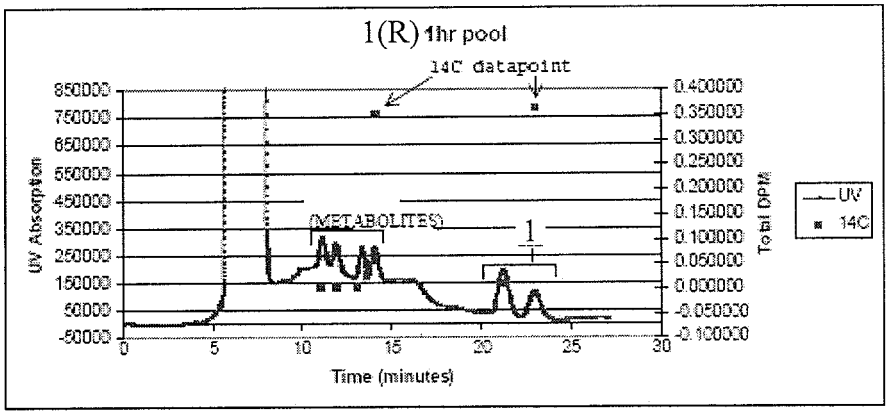

RT: 0.00 - 24.99
Relative Abundance
Time (min)
13.48
Unknown #1
Unknown #2
15.55
Unknown #3
Unknown #4
12.08
1.06
1.72
3.16
4.36
5.81
7.80
9.05
11.15
15.99
16.90
18.93
21.63
22.71
23.79

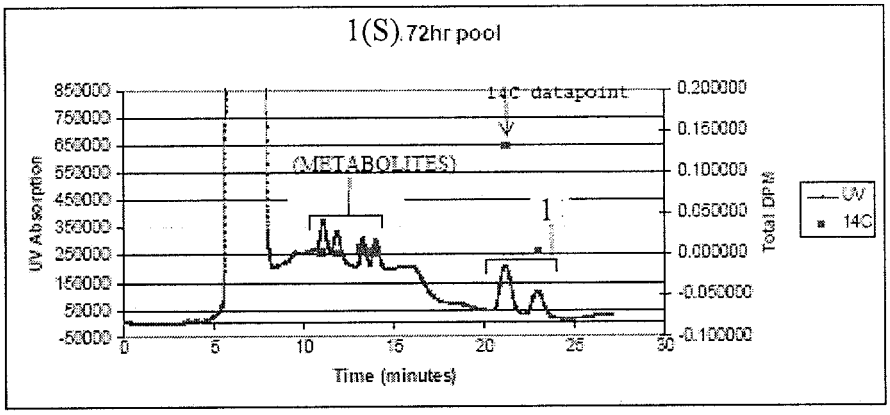
FIGURE 12



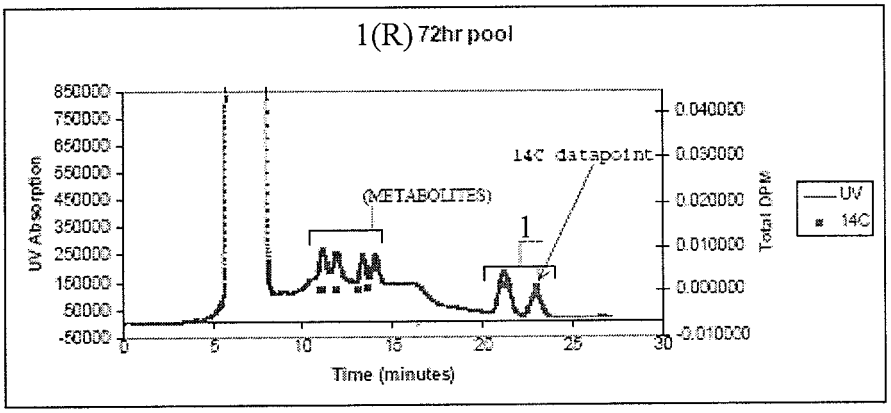
A



B



C



D

FIGURE 13

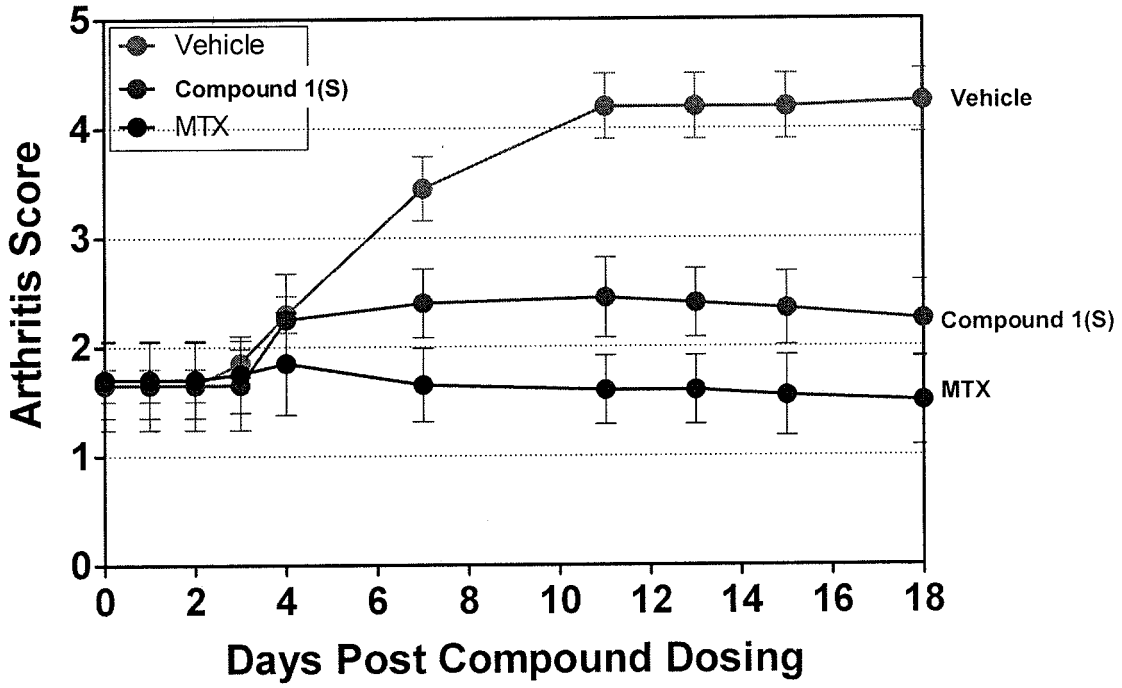


FIGURE 14

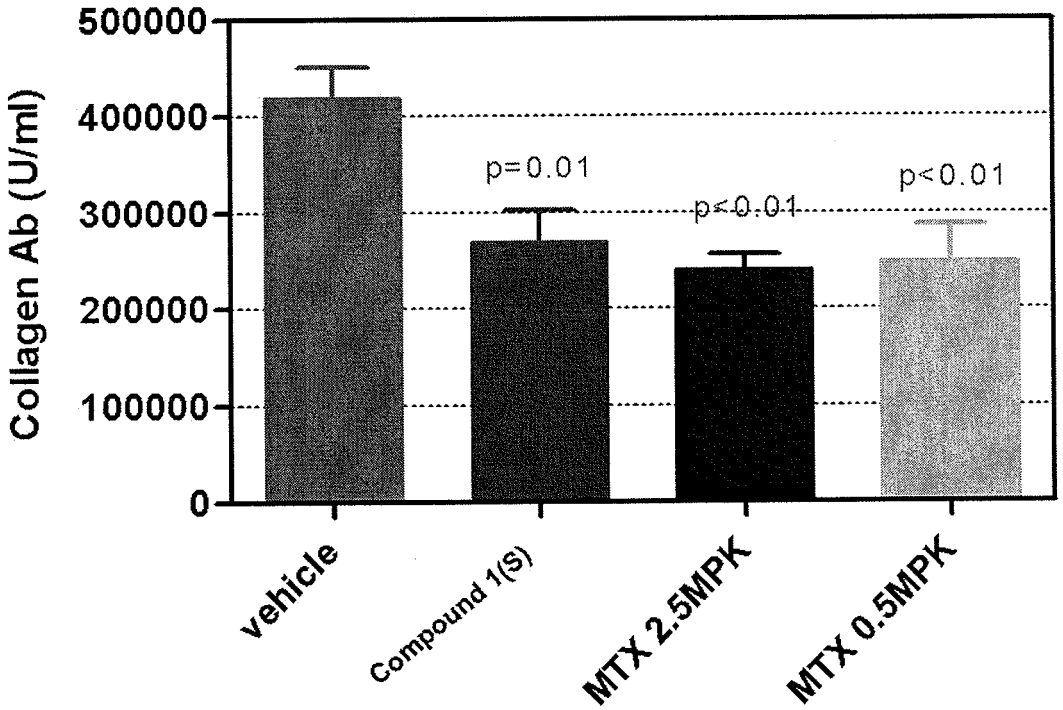


FIGURE 15

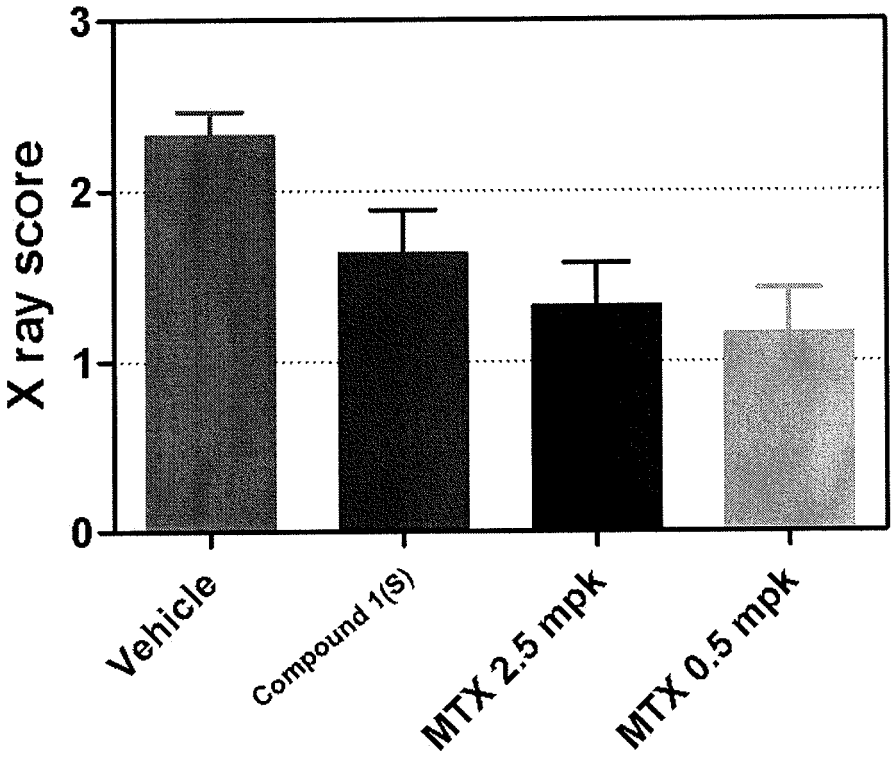


FIGURE 16

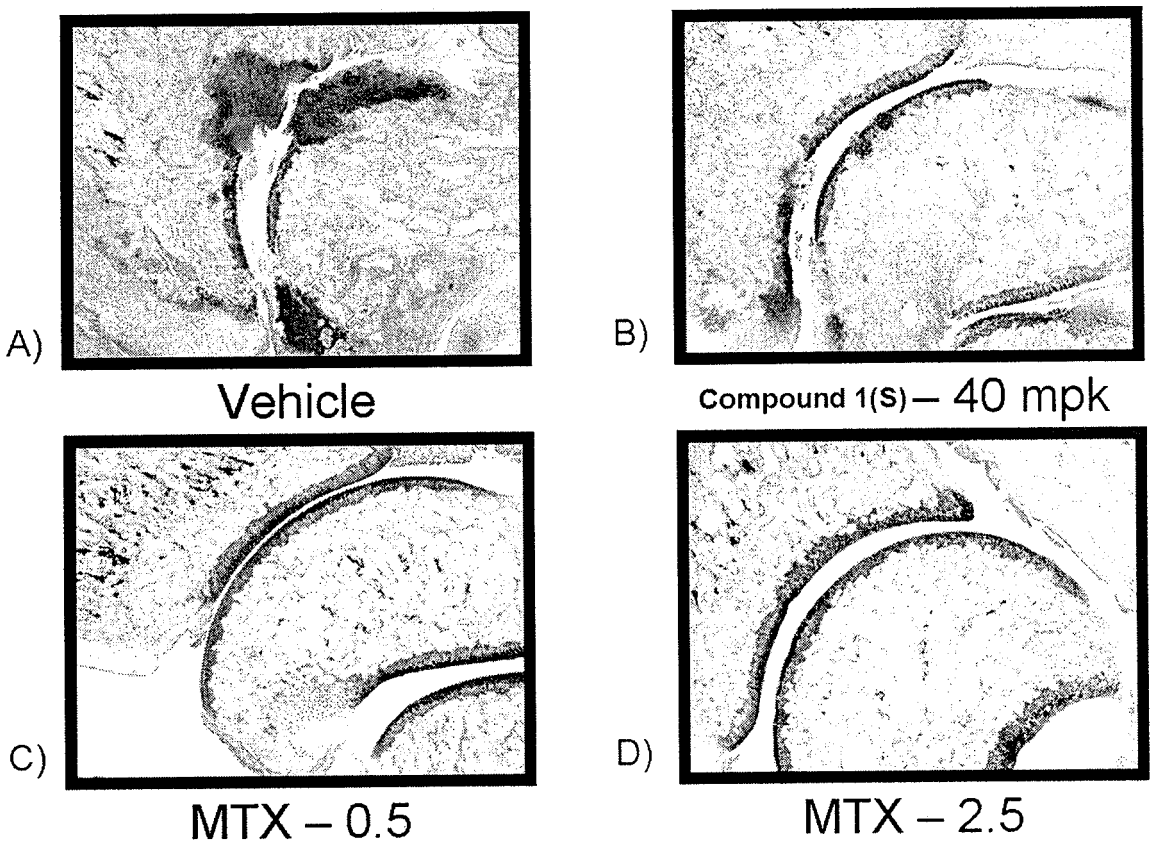


FIGURE 17