Fig. 1

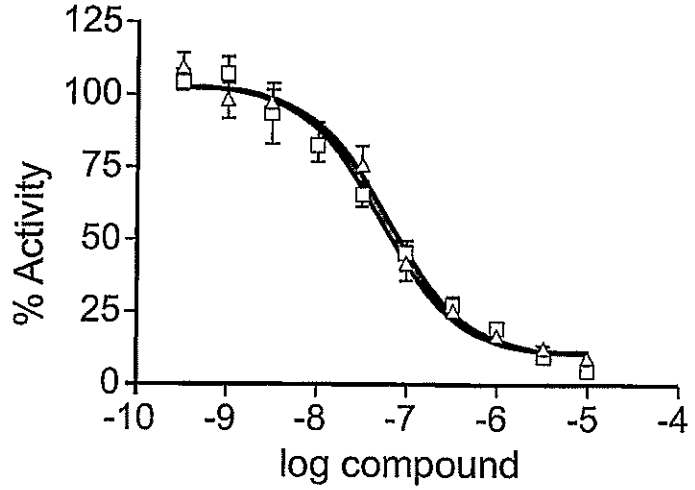


Fig. 2

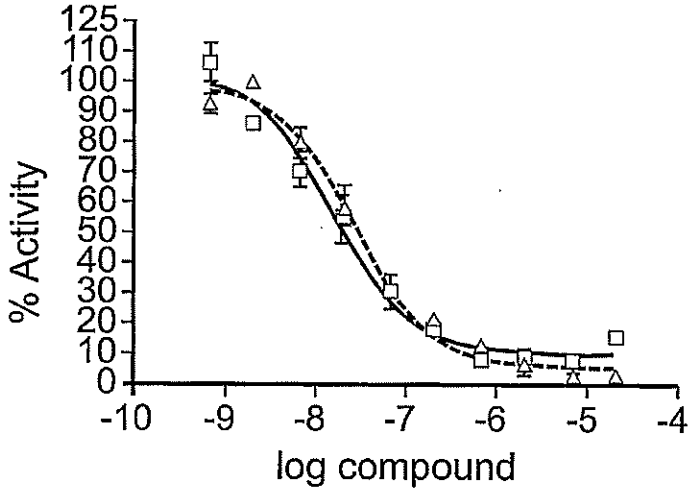


Fig. 3

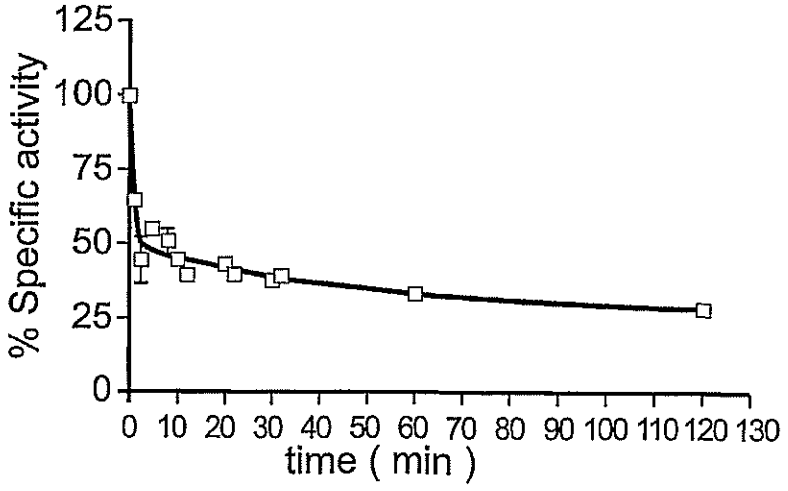


Fig. 4A

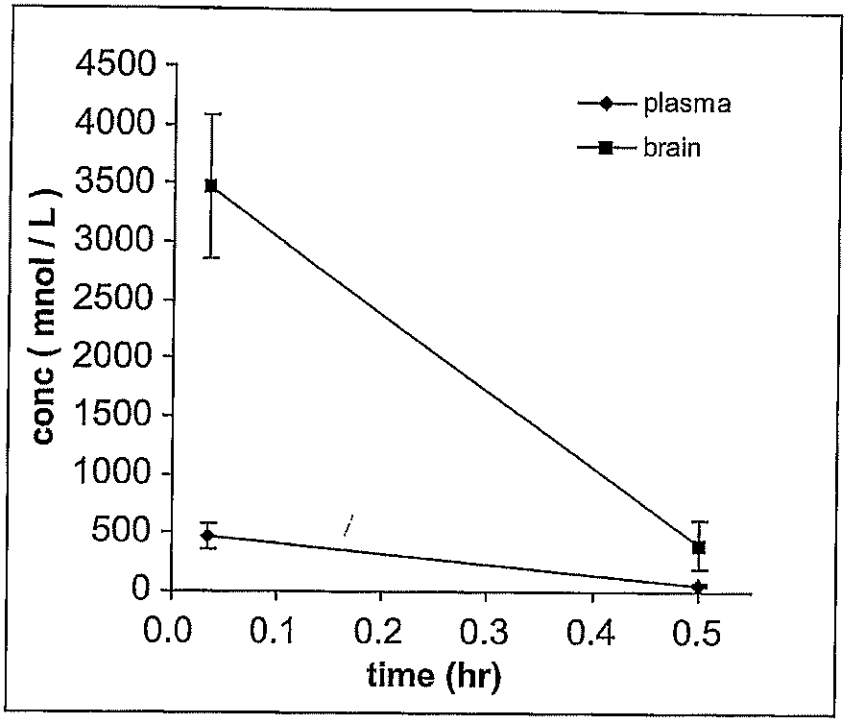

4500
4000
3500
3000
2500
2000
1500
1000
500
0
conc (mnol / L)
0.0
0.1
0.2
0.3
0.4
0.5
time (hr)
plasma
brain

Fig. 4B

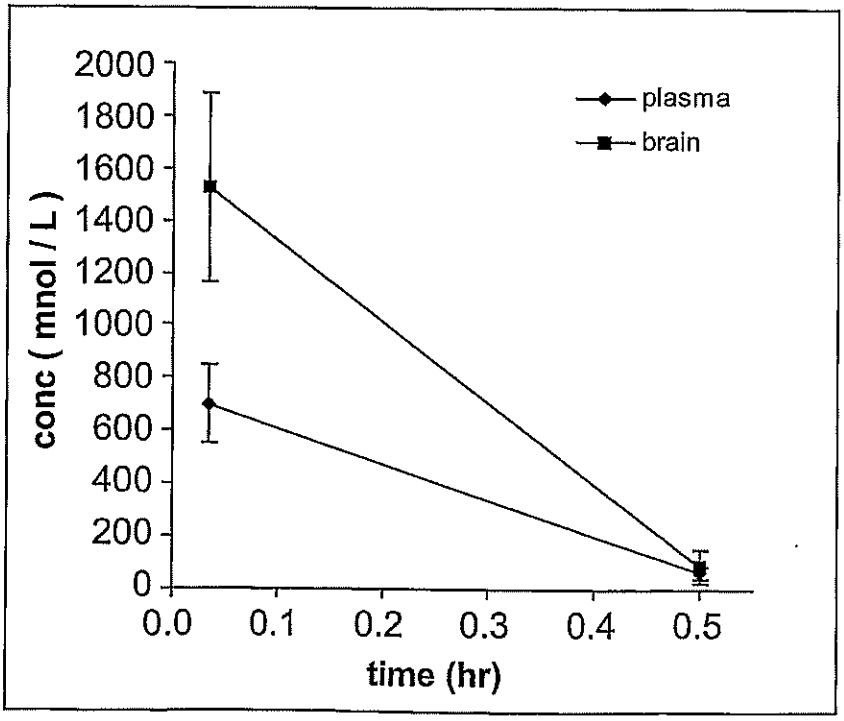

2000
1800
1600
1400
1200
1000
800
600
400
200
0
conc (mnol / L)
0.0
0.1
0.2
0.3
0.4
0.5
time (hr)
plasma
brain

Fig. 5

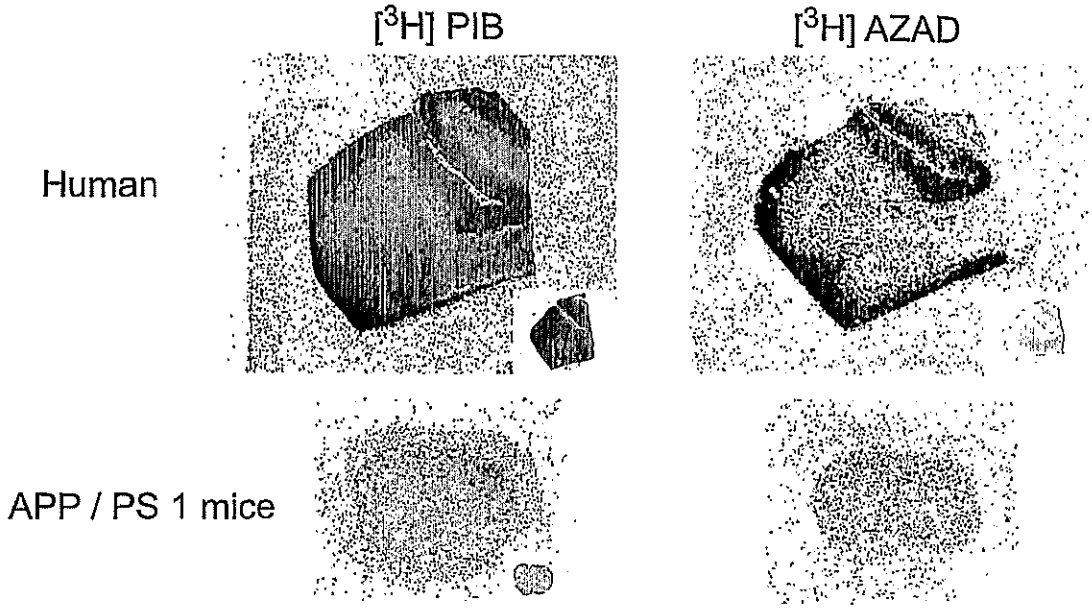

[3H] PIB
[3H] AZAD
Human
APP / PS 1 mice

Fig.6

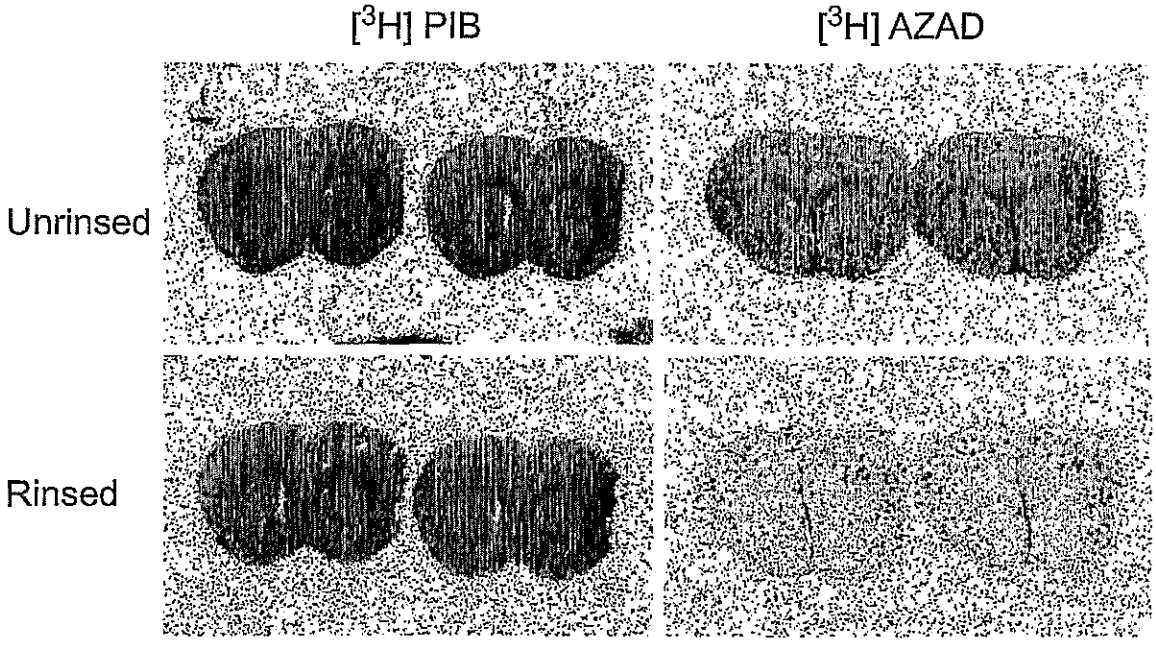

[3H] PIB
[3H] AZAD
Unrinsed
Rinsed

Fig. 7A

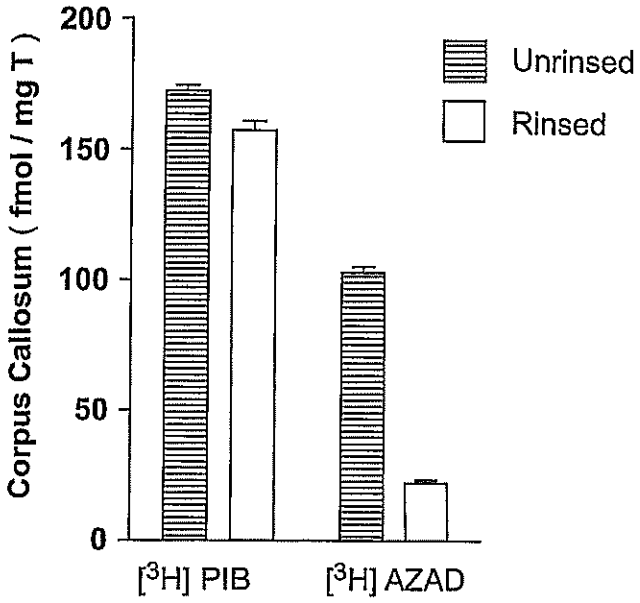


Fig. 7B

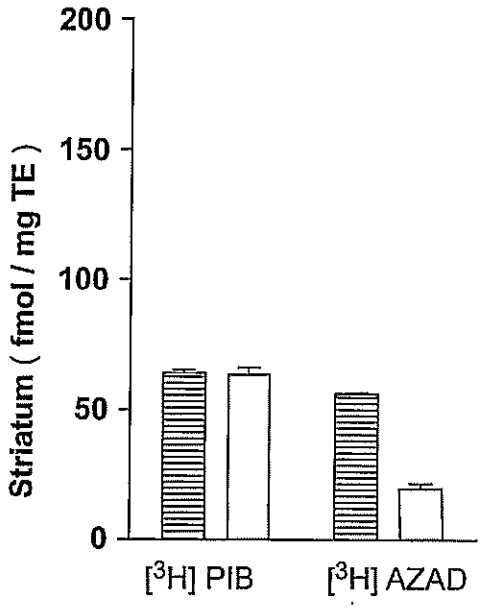


Fig. 8

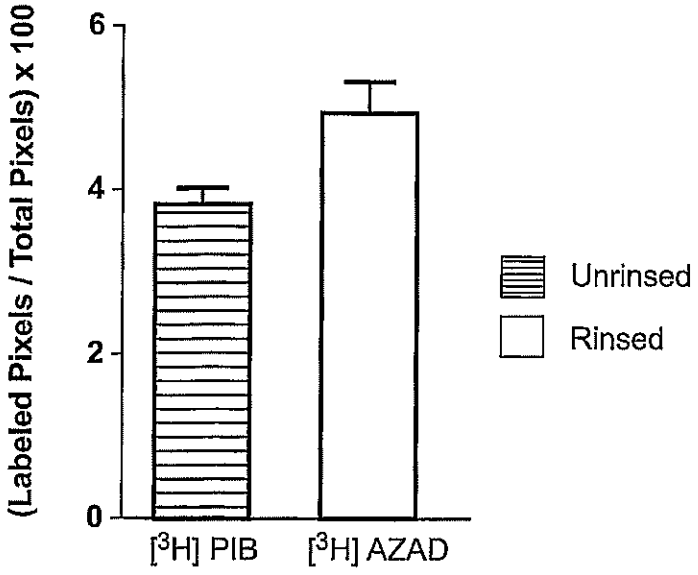


Fig. 9

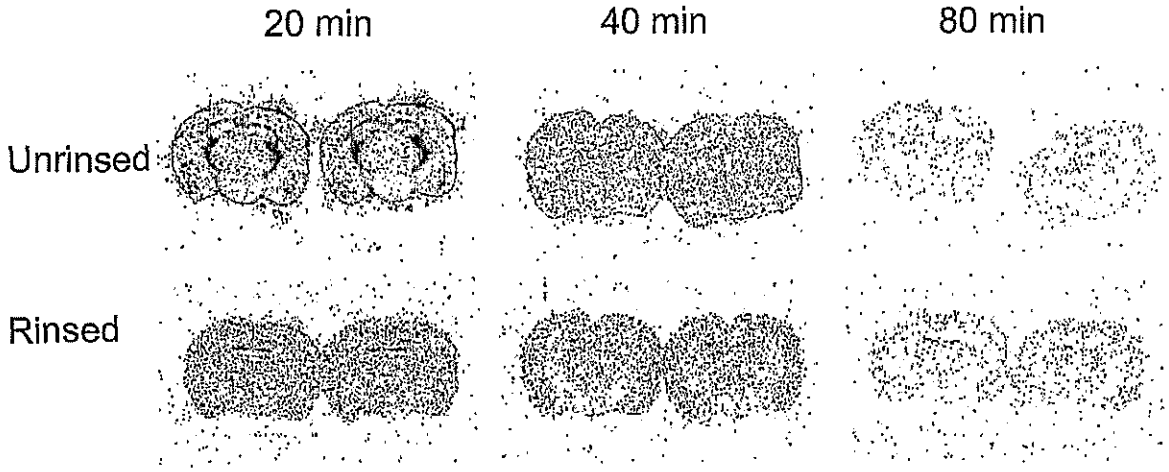

20 min
40 min
80 min
Unrinsed
Rinsed

Fig. 10

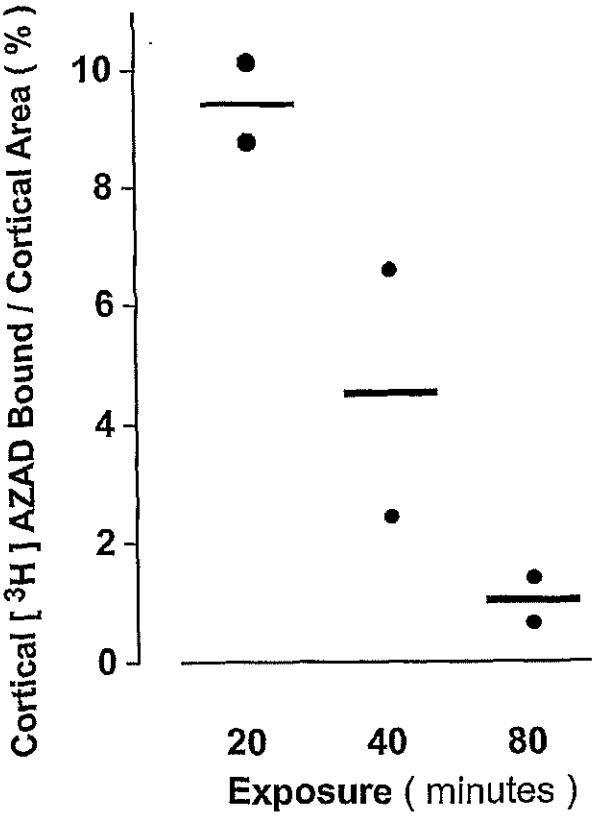

Cortical [3H] AZAD Bound / Cortical Area (%)
10
8
6
4
2
0
20
40
80
Exposure (minutes)

Fig. 11

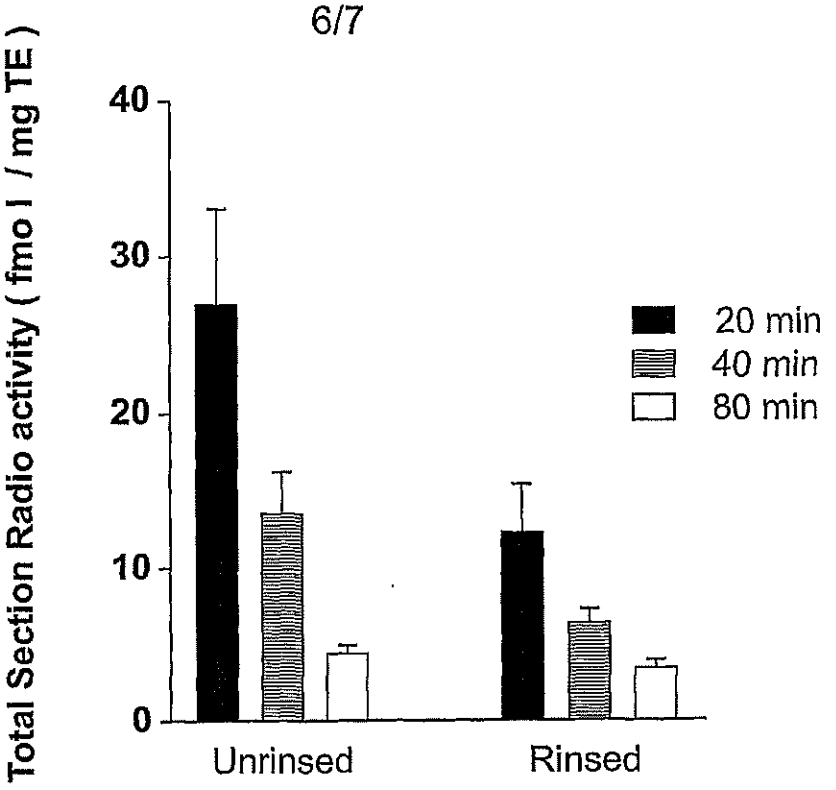

Total Section Radio activity (fmo l / mg TE)
40
30
20
10
0
20 min
40 min
80 min
Unrinsed
Rinsed

Fig. 12

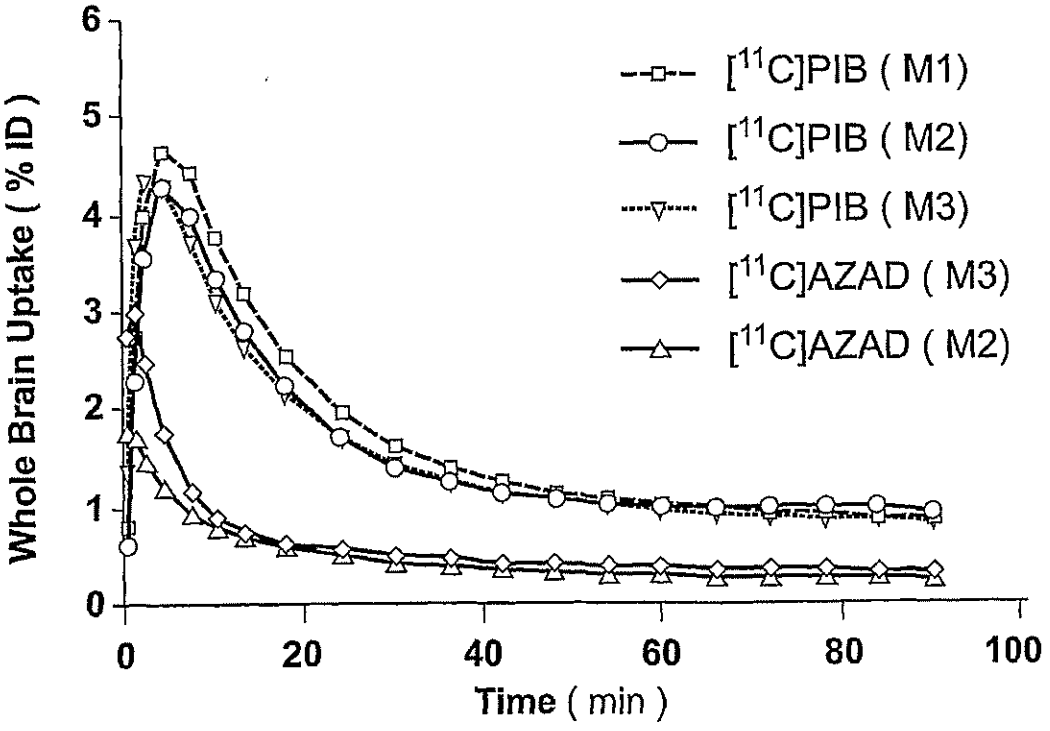

Whole Brain Uptake (% ID)
6
5
4
3
2
1
0
[11C]PIB (M1)
[11C]PIB (M2)
[11C]PIB (M3)
[11C]AZAD (M3)
[11C]AZAD (M2)
0
20
40
60
80
100
Time (min)

Fig. 13

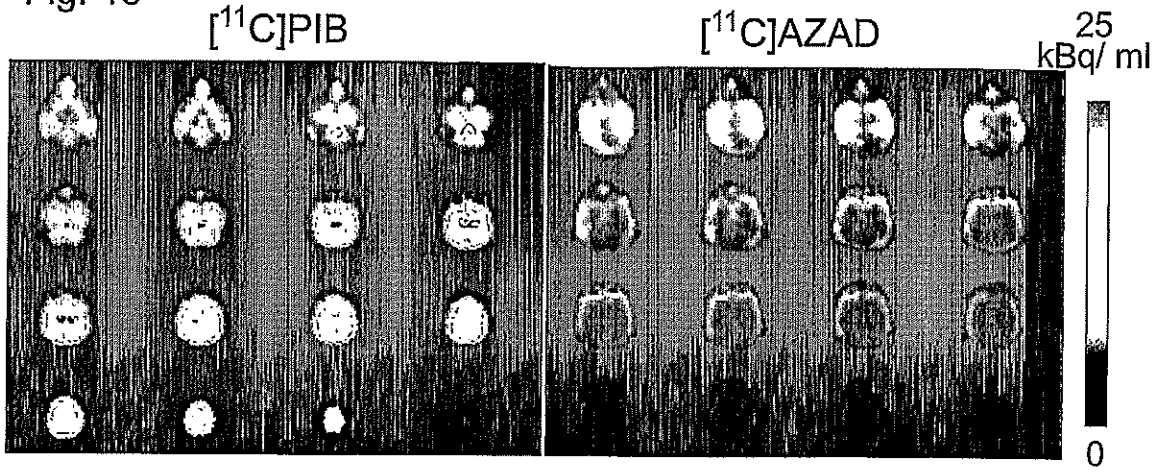


Fig. 14

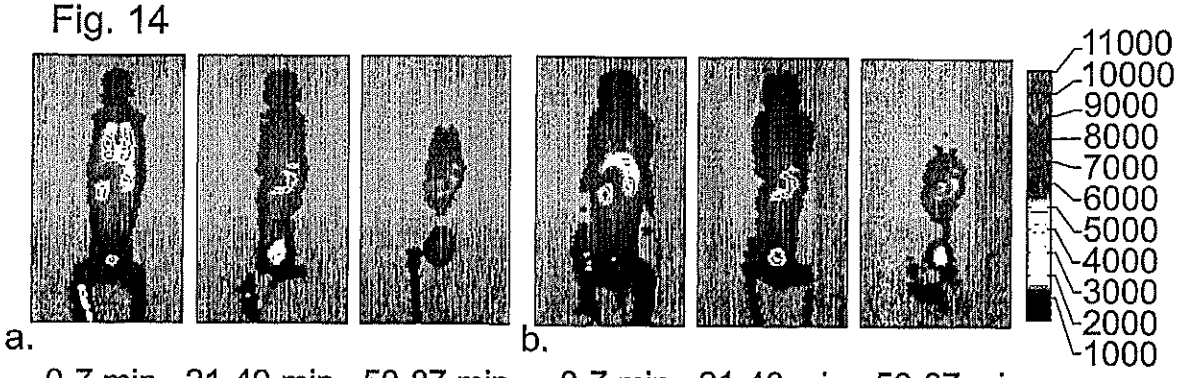


Fig. 15

