Subject	Plasma Sampling Time after dosing	CSF Sample taken x hours after dosing	CSF Concentration compound of formula (I) [ng/ml]	Plasma Concentration compound of formula (I) [ng/ml]	CSF/ plasma	Free drug plasma concentration compound of formula (I) [ng/ml]	CSF/ plasma free drug	CSF concentration of compound of formula (I) [nM]	receptor occupancy % (KD 20 nM)
1	3 hours	03:35	10.678	39.317	0.272	10.616	1.006	33.6	62.6525535
	4 hours	03:35	10.678	31.902	0.335	8.614	1.240	33.6	62.6525535
2	3 hours	03:15	14.986	73.337	0.204	19.801	0.757	47.1	70.1880925
	4 hours	03:15	14.986	58.137	0.258	15.697	0.955	47.1	70.1880925
3	3 hours	03:25	13.909	57.773	0.241	15.599	0.892	43.7	68.6044332
	4 hours	03:25	13.909	49.279	0.282	13.305	1.045	43.7	68.6044332
4	3 hours	03:15	12.137	48.059	0.253	12.976	0.935	38.1	65.5976046
	4 hours	03:15	12.137	38.131	0.318	10.295	1.179	38.1	65.5976046
5	3 hours	04:05	8.483	34.377	0.247	9.282	0.914	26.7	57.1315042
	4 hours	04:05	8.483	25.981	0.327	7.015	1.209	26.7	57.1315042
6	3 hours	03:15	8.51	43.188	0.197	11.661	0.730	26.7	57.2093148
	4 hours	03:15	8.51	30.149	0.282	8.14	1.045	26.7	57.2093148

FIG. 1

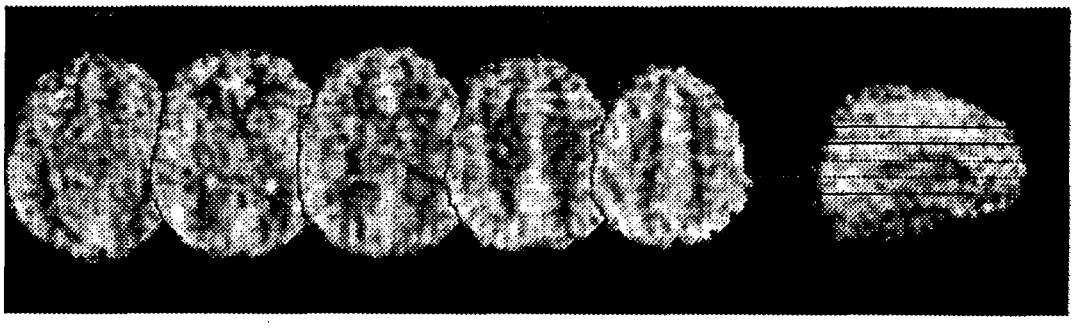


FIG. 2

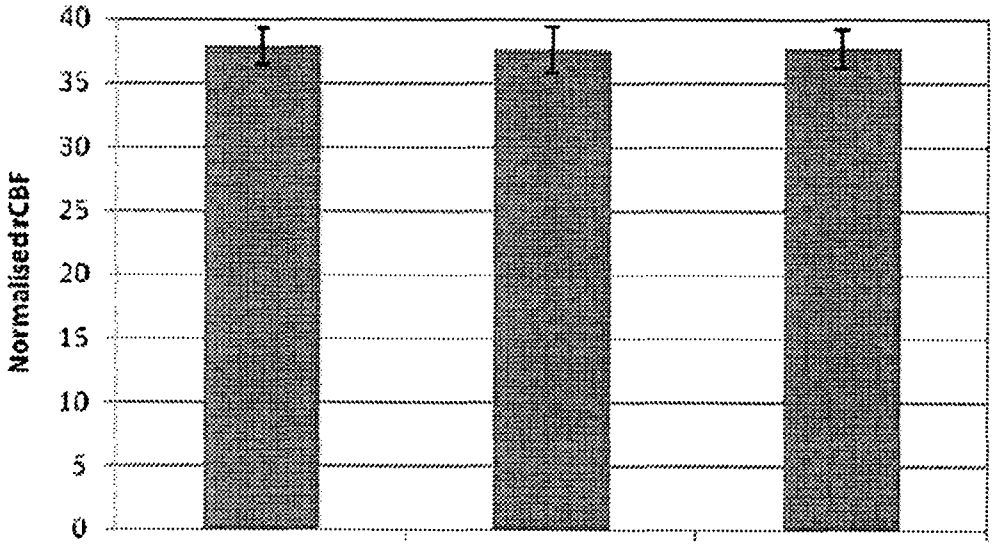


FIG. 3

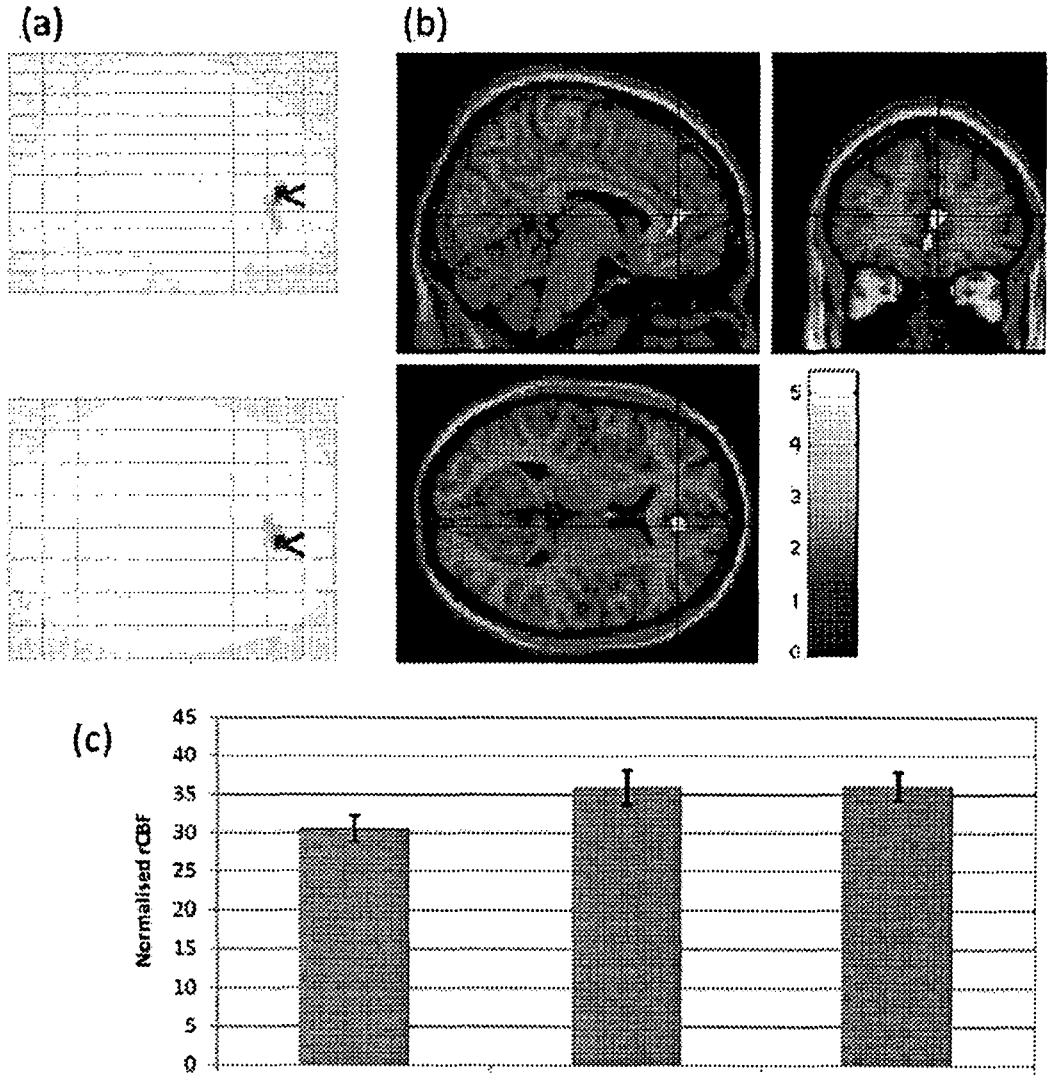


FIG. 4

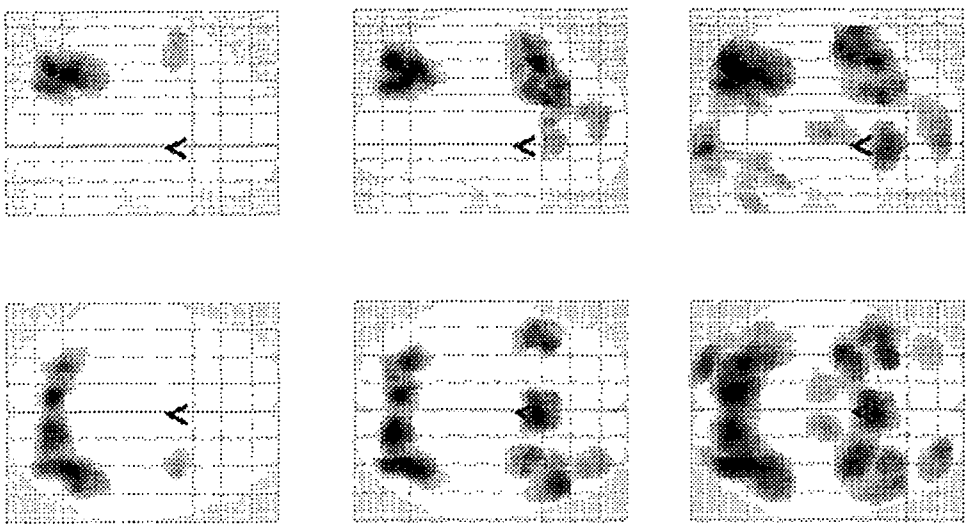


FIG. 5

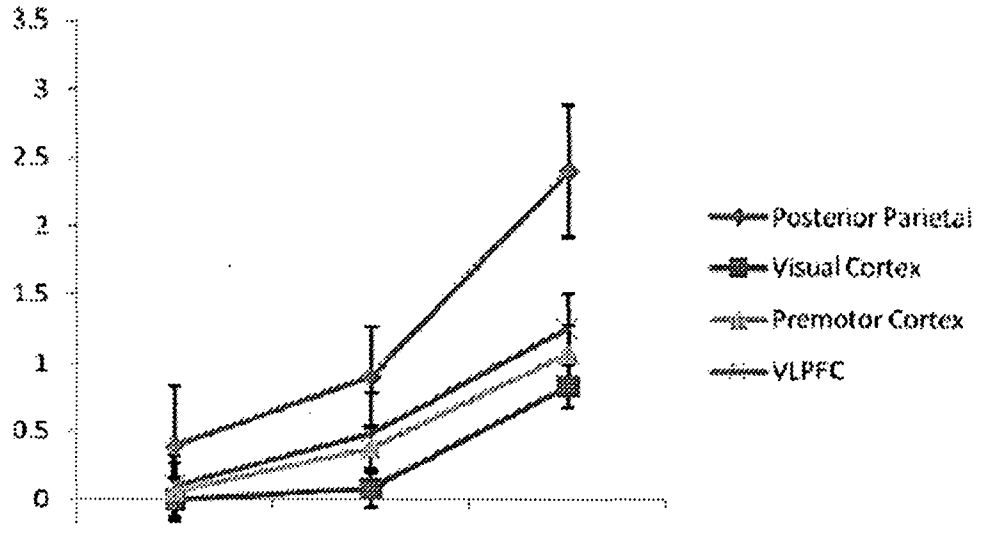

3.5
3
2.5
2
1.5
1
0.5
0
Posterior Parietal
Visual Cortex
Premotor Cortex
VLPFC

FIG. 6