

THC Effect on Brain Areas	
Location of CB1 Receptor	Effect
Nucleus accumbens	Rewarding effects of THC
Cerebellum	Discoordination
Basal ganglia	Reduction of spasticity, slowed reaction time
Hypothalamus	Increased appetite
Spinal cord	Decreased afferent pain perception
Prefrontal cortex	Cognitive difficulties; altered sensation
Hippocampus	Memory impairment
Brain stem	Anti-nausea effects
Amygdala	Panic, paranoia

Source: TCPR, June 2014, Vol 12, Issue 6, Marijuana